

My Samsung Galaxy S5



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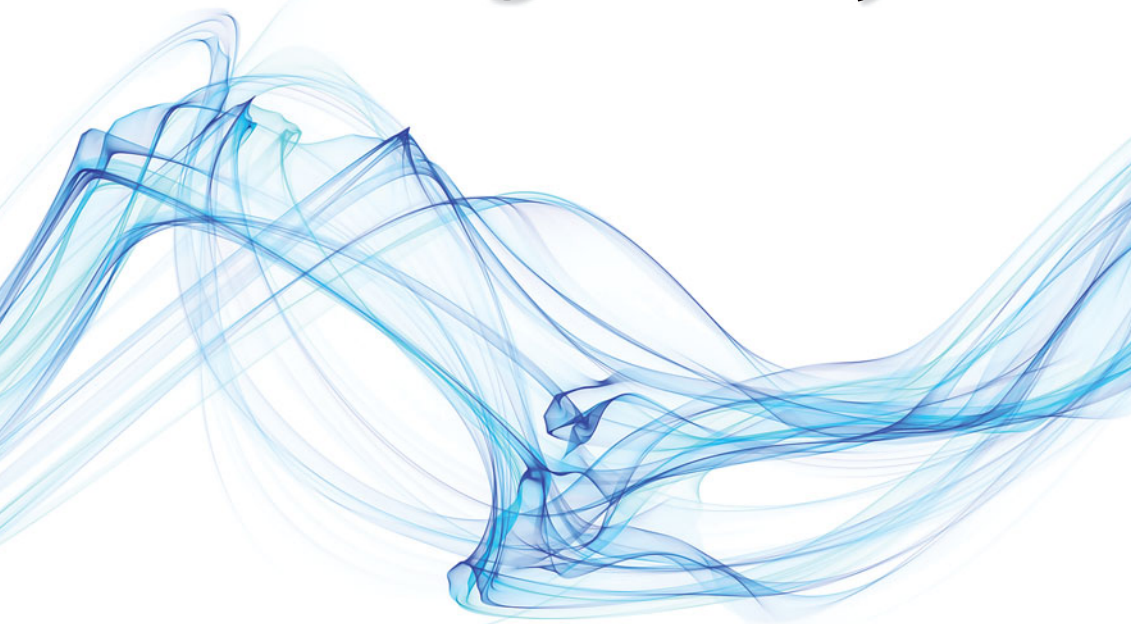
Steve Schwartz
with Craig James Johnston

FREE SAMPLE CHAPTER



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My Samsung Galaxy S5



Steve Schwartz

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My Samsung Galaxy S®5

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ISBN-13: 978-0-7897-5349-6

ISBN-10: 0-7897-5349-9

Library of Congress Control Number: 2014940441

Printed in the United States of America

Second Printing: September 2014

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Contents at a Glance

	Introduction	1
Chapter 1	Galaxy S5 Essentials	5
Chapter 2	Understanding the Android/TouchWiz Interface	49
Chapter 3	Making the Phone Your Own	81
Chapter 4	Placing and Receiving Calls	127
Chapter 5	Managing Contacts	165
Chapter 6	Using the Calendar	201
Chapter 7	Browsing the Web	227
Chapter 8	Sending and Receiving Email	259
Chapter 9	Messaging	309
Chapter 10	Installing and Using Applications	349
Chapter 11	Using the GPS	403
Chapter 12	Playing and Managing Music	415
Chapter 13	Shooting, Editing, and Sharing Photos	441
Chapter 14	Watching and Creating Videos	477
Chapter 15	Using Voice Services	503
Chapter 16	Transferring and Sharing Files	519
Chapter 17	Synchronizing Data	549
Chapter 18	Securing the Phone	563
Chapter 19	Powering Other Devices	587
Chapter 20	Optimizing and Troubleshooting	601
	Index	621

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Table of Contents

Introduction 1

About This Book	1
The Need for a Book	2
How to Read This Book	2
Smartphone "Facts of Life"	3

1 Galaxy S5 Essentials 5

About the Galaxy S5	5
The Hardware	6
The Android Operating System and TouchWiz	9
The Interface	9
Customization	10
Charging the Battery	12
Powering On/Off	13
Running the Setup Wizard	14
Run the Setup Wizard	15
Darkening and Restoring the Display	20
Restore a Dark Display	21
Set the Screen Timeout Interval	21
Adjusting the Volume	22
Using a Headset or Headphones	24
Wired Headset or Headphones	24
Bluetooth Headset	24
Setting Up Voicemail	28
Gmail and Your Phone	29
Create a Gmail Account	29
Register Your Gmail Account	30
Creating a Samsung Account	34
Creating a Dropbox Account	37
Working with Data	39
Manually Set a Connection Method	40
Connect to a New Wireless Network	41
Changing the Default Language	44
Wireless Printing	45
Install the Print Services Software (First Time Only)	45

2**Understanding the Android/TouchWiz Interface 49**

The Home Screen	50
The Status or Notification Bar	50
Main Area	51
Extended Home Screen	52
Set the Home Screen Mode	54
Primary and Other App Shortcuts	56
Using the Hardware Keys	57
Recent Apps Key	57
Home Key	58
Back Key	58
The Notification Panel	59
Interacting with the Touchscreen	60
Using Your Fingers	61
Rotating the Screen	63
Entering Text	64
Use the Keyboard: Tapping	65
Use the Keyboard: Swype	66
Use Voice Input	70
Editing Text	72
Searching for Items on the Phone and Web	74
Use S Finder	75
Search in Settings	77
Use Google Search	78

3**Making the Phone Your Own 81**

Customizing the Home Screen	81
Select Wallpaper	82
Rearrange, Remove, and Add Home Screen Pages	85
Add Shortcuts	88
Add Widgets	90
Create Folders	93
Reposition and Remove Home Screen Items	96
Setting the Apps View	97
Creating and Working with App Folders	100
Changing System Settings	103
Customize the Quick Setting Buttons	104
Customize the Quick Settings	106
Motions and Gestures Settings	107
Air View	109
One-Handed Operation	109

Ringtones	112
Blocking Mode	120
Safety Assistance Settings	122

4 **Placing and Receiving Calls** **127**

Placing Calls	127
Manual Dialing	128
Dial from a Contact Record	132
Dialing from the Call Logs	133
Dialing a Number in a Text or Email Message	136
Emergency Calling	138
Other Outgoing Call Options	140
Speed Dialing	140
Temporarily Blocking Your Caller ID Information	143
Three-Way Calling	144
Inserting Pause and Wait Commands	146
Receiving Calls	146
Respond to an Incoming Call	147
Call Waiting	149
Call Forwarding	150
In-Call Options	150
Checking Voicemail	153
Enabling Mute, Vibrate, or Airplane Mode	155
Mute and Vibrate	156
Airplane Mode	157
Configuring Call Settings	158

5 **Managing Contacts** **165**

The Contacts Interface	166
Creating a Contact Record	168
Adding a Photo to a Contact Record	173
Viewing Contacts	175
Editing Contact Records	177
Edit Contacts	177
Set Defaults for a Contact	178
Link and Unlink Contacts	179
Mark Contacts as Favorites	180
Delete Contacts	182
Working with Contact Groups	183
Create a Group	183
Change a Person's Memberships	185

Email or Text a Group	186
Reorder the Groups	188
Delete a Group	188
Backing Up/Restoring and Exporting/Importing	
Contact Records	189
Backing Up Contact Data	190
Restoring Contacts from Backups	193
Importing Contact Data from Other Sources	
into Google Contacts	195
Setting Display Options	197

6 Using the Calendar 201

Adding Calendar Accounts	201
Working in Calendar	203
Creating Events and Tasks	203
View the Calendar	211
Manage Events and Tasks	218
Responding to Reminders	219
Setting Calendar Preferences	221

7 Browsing the Web 227

Launching Internet	228
Visiting Web Pages	230
Type the Address	230
Following a Link	231
Visit a Bookmarked, Recent, or Saved Page	232
Search for a Site or Page	235
Viewing Pages	236
Portrait or Landscape View	236
Magnification (Zoom)	237
Reader View	238
Refreshing the Page	239
Working with Windows	239
Page Navigation	240
Incognito Browsing	241
Working with Bookmarks	242
Create a Bookmark from the Current Page	242
Create a Bookmark from the History List	244
Edit Bookmarks	245
Using Bookmark Folders	246
Delete Bookmarks	249

More Menu Commands	250
Configuring the Browser	252
Google Chrome Essentials	254

8**Sending and Receiving Email 259**

Adding Email Accounts	260
Automatically Add an Account	260
Manually Add an Account	263
Configuring Email Accounts	267
Edit General Settings	268
Edit Individual Account Settings	270
Configure an Account's Sync Settings	274
Delete an Account	277
Retrieving Mail	278
Reading Mail	279
View and Save Attachments	283
Designate and Work with Priority Senders	284
Composing and Sending Mail	287
Create a New Email Message	288
Reply to Mail	292
Forward Mail	293
Add Attachments and Inserts	294
Managing the Mail	297
Deleting Messages	297
Moving Messages	299
Changing the Message Read Status	301
Marking Important Messages	302
Managing the Spam Senders List	303
Using the Gmail App	304

9**Messaging 309**

About Text and Multimedia Messaging	309
Composing a Text Message (SMS)	310
Composing a Multimedia Message (MMS)	319
Managing Conversations	323
Responding to a New Message Notification	323
Continue a Conversation	324
Reviewing a Conversation	326
Delete Conversations	327
Delete Messages	328

Other Options for Individual Messages	328
Search for Messages	330
Designating Priority Senders	331
Add Priority Senders	331
Manage Priority Senders	333
Configuring Messages Settings	335

10 Installing and Using Applications 349

Using Apps	350
Launching an App	350
Using the Hardware Keys	354
Using Multi Window™ to Run Two Apps	356
Exit/Quit an App	361
Downloading and Installing Apps from Google Play	362
Customize Google Play	366
Enabling App Downloads from Other Sources	368
Using the Amazon Appstore for Android	369
Install the Amazon Appstore App	369
Download Apps from the Amazon Appstore	372
Customize the Amazon Appstore	376
Managing Apps	379
Create Home Screen Shortcuts	379
Uninstall, Disable, and Hide Apps	380
Update Apps	388
Move Apps to Your Memory Card	390
Designating Default Apps	391
Enable the Toolbox App Launcher	393
Special and Noteworthy Apps	395

11 Using the GPS 403

Enabling/Disabling GPS	404
Getting Directions from Google Maps	405
Voice Search: Direct to Navigation	406
Launch Google Maps	407
Set a Trip within Google Maps	408
Configuring Location (GPS) Settings	412

12 **Playing and Managing Music** **415**

Playing Stored Songs with the Music App	415
Select and Play Songs	416
Use the Equalizer	420
Working with Playlists	422
Create a Playlist	422
Add Songs to a Playlist	423
Play Songs from a Playlist	425
Manage Playlists	426
Deleting Unwanted Songs	432
Delete a Track While Playing a Song	433
Delete Tracks While Browsing	434
Delete an Album or Artist	435

13 **Shooting, Editing, and Sharing Photos** **441**

Shooting Photos	441
Shoot Self-Portraits with the Front Camera	442
Shoot Photos with the Rear Camera	444
Changing the Camera Settings	446
Configure and Use the Shortcuts	446
Using the Settings Palette	448
Selecting a Shooting Mode	452
Reviewing Photos	456
Using Gallery to View and Edit Photos	457
Image-Editing with Photo Studio	468
Running a Slideshow	474

14 **Watching and Creating Videos** **477**

Streaming Video to the Phone	477
Streaming with a Dedicated App	478
Streaming from Web Pages	480
Playing Videos with the Video App	481
Using the Video Menus	486
Converting DVD Videos for Playback on the Phone	487
Recording Videos with the Phone	496
Participating in Video Chats	501

15	Using Voice Services	503
	Using S Voice	503
	Commanding the Phone	505
	Commanding Apps: Calendar	508
	Configure S Voice	509
	Using Google/Voice Search	512
	Configuring Google/Voice Search	515
16	Transferring and Sharing Files	519
	Transferring Files over USB with Samsung Kies 3	520
	Setup and Basic Operation	520
	Copy Files	522
	Manually Transferring Files over USB	525
	Transfer to and from a Mac	526
	Transfer to and from a PC	527
	Transferring Files Using Bluetooth	529
	Send Files from Computer to Phone	529
	Send Files from Phone to Computer	531
	Emailing Files	535
	Email Photos from Gallery	535
	Email Songs from My Files	537
	Transferring Files Between Phones	539
	Use Wi-Fi Direct	539
	Use S Beam	542
17	Synchronizing Data	549
	Developing a Sync Strategy	549
	Microsoft Exchange Server	550
	Google/Gmail	550
	Alternative Software	552
	The Sneakernet (Manual) Approach	552
	Setting Sync Options and Schedules	553
	Performing Manual Syncs	557
18	Securing the Phone	563
	Securing the Lock Screen	563
	Change the Screen Locking Method	564
	Setting Lock Screen Options	573
	Unlocking the Lock Screen	577
	Enabling Private Mode	580

19 Powering Other Devices 587

Creating a Mobile Hotspot for Wi-Fi Devices	587
Tethering the Phone and a Computer	592
USB Tethering for Windows PCs	592
Bluetooth Tethering	594
Mirroring the Phone on an HDTV	596

20 Optimizing and Troubleshooting 601

Managing Memory	601
Conserving the Battery	603
Configure and Enable Power Saving Mode	603
Configure and Enable Ultra Power Saving Mode	606
Tips for Manually Conserving the Remaining Charge	608
View Battery Usage by Features and Apps	610
Managing Talk Time and Data Usage	612
Checking Current Usage	612
Manage Data Usage	613
What's Cheaper?	616
Can This Call Be Made Later?	617
Prorated Features	617
Faster Downloads with Download Booster	617
Viewing and Expanding Storage	617
View Used and Available Space	618
Adding a Memory Card	619

Index 621

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About the Author

Steve Schwartz got an early start as a computer industry writer and author. Immediately after buying an Apple II+ in 1978, he began writing regularly for the computer magazines of the day. Since then, he has written hundreds of articles for major publications, including *Macworld*, *PC World*, *InfoWorld*, and *Computerworld*. He is also the author of more than 60 books on technology, game, and computer topics, including guides to business/productivity software (Microsoft Office, Access, and FileMaker Pro), Internet software (Internet Explorer, Outlook Express, Entourage, and Gmail), and graphics/image-editing software (Picasa, Picture It!, Digital Image Suite, and CorelDRAW). Following his best-selling *My Samsung Galaxy S III* and *My Samsung Galaxy S 4*, this is Steve's third book in the *My* series.

Before becoming a full-time writer in 1990, Steve served as editor-in-chief for *Software Digest* and technical services director for Funk Software. He also authored the first trade paperback on the then-new Nintendo phenomenon: *Compute!'s Guide to Nintendo Games*.

Steve has a Ph.D. in psychology, consults on game design, database design, and technology issues, and lives in the fictional town of Lizard Spit, Arizona. You can see the complete list of his books at www.siliconwasteland.com/misc.htm.

Acknowledgments

I'd like to extend my special thanks to the following individuals:

- The talented, dedicated, hard-working Que editorial and production team: Michelle Newcomb, Todd Brakke, Betsy Gratner, Charlotte Kughen, Tricia Bronkella, and Emily Glossbrenner
- Margot Hutchison and Carole Jelen of Waterside Productions
- *My...* series author, Craig Johnston
- Lucas Wymer for assisting in testing phone-to-phone transfers
- Shepard and Emileyne for ensuring that Jethro was entertained while we tested

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Introduction

About This Book

Welcome to *My Samsung Galaxy S5*, a book about using, customizing, maintaining, and troubleshooting your Samsung Galaxy S5. It attempts to be a comprehensive guide to “all things Galaxy S5,” but it concentrates on the apps and features that you’re most likely to use. To make it easy for you to follow along, procedures are presented in step-by-step fashion, each illustrated by an image of what you’ll see onscreen. Although much of this book’s information is also applicable to other recent Android phones and tablets, it will be most helpful to those of you who either own or intend to get a Samsung Galaxy S5.

If you have a previous phone in the Galaxy S family, you might want to check out my other titles in this series: *My Samsung Galaxy S III* and *My Samsung Galaxy S 4*.

The Need for a Book

If this is your first smartphone, you'll quickly discover that learning to use your Galaxy S5 has a much steeper learning curve than mastering an ordinary phone. Actually, it will probably help you to think of your phone as a handheld computer that you can also use to place and receive phone calls. For many users, the calling capabilities of the S5 are secondary to all the other wonderful things you can do with it.

What distinguishes this book from competing titles is its attention to detail. Although each carrier offers a free, downloadable manual with *general* explanations of how their phone works and how to use the standard applications (or *apps*), the manual seldom provides sufficient information to enable you to comfortably use your phone's many features or to understand the impact of setting particular options. Much of the work and "figuring out" is left to your experimentation or reading books such as this one.

One direct result of providing detailed, step-by-step instructions for the most commonly used apps and features is that this book is almost twice as long as other S5 books. For example, rather than simply telling you how to launch Camera and which button to tap to snap a picture, you also learn about configuring Camera for different lighting conditions and shooting situations, applying filters, sharing your photos with friends and social networking sites, and creating slideshows. *Rest assured, however, that you don't have to read everything!* Save the extra detailed information for those occasions when you really *need* to reconfigure an app or determine how its more advanced features work.

In addition to furthering your education about your marvelous new smartphone, it's my hope that this book will provide an additional immediate and long-term benefit to you. *It will save you time.* You won't have to waste hours experimenting, performing fruitless Google searches, and watching an endless stream of YouTube video reviews and tutorials in an effort to figure out how an app or one of its features works. I've done my best to do that for you.

How to Read This Book

Although the chapters are presented in what is intended to be a logical order (based on *what* I think you need to know and *when* you'll need to know it), it may sometimes feel like you have to understand *everything* about the phone before you can do *anything* with it. Placing a call, for example, requires you to know how to interact with the touchscreen and, optionally, how to select a phone number or person's name in Contacts.

You'll do well to at least skim through the entire book. But to avoid being overwhelmed by that “need to know everything at once” feeling, I recommend that you start by working your way through the basics provided in Chapters 1 through 3 and only then jump to whatever chapter covers the topic you want to tackle next.

Extra content is available on this book's website, www.informit.com/title/9780789753496. (Look on the Downloads tab.) The bonus content includes information on formatting and removing a memory card, installing and replacing the SIM card, checking for system updates, troubleshooting, and more.

Smartphone “Facts of Life”

When reading this book, there are some important facts you should know:

- At its launch, six major U.S. carriers carried the Galaxy S5: AT&T, Metro PCS, Sprint, T-Mobile, Verizon, and U.S. Cellular. From a hardware perspective, each of these phones is identical.
- On a software basis, however, there are occasionally differences between the carriers. First, most carriers add their own applications (*apps*) to the standard ones that come with every S5, and they sometimes make small modifications to the standard apps, too.

Second, the names of Settings icons can vary slightly among carriers, as can the manner in which *operating system* (OS) updates are performed.

To be applicable to every carrier's S5, this book explains how to use the software that they all have in common; there's little discussion of carrier-specific apps. For such information, you should refer to the carrier's downloadable manual and support information.

- App and OS updates can be delivered or downloaded whenever the app developers and your carrier, respectively, see fit. Thus, like all Android cell phones, the S5 is a *moving target* and subject to change. This book, on the other hand, is static text—correct at the time it was written. When a new version of the OS is applied to your phone, the steps to perform some procedures, what you see onscreen, and the options available in certain Settings categories might change slightly. However, based on past OS updates, even if this happens to an app here or a procedure there, the material in this book should still be sufficiently relevant for you to determine how to work with and use the new features and options. In other words, you're still far better off with this book in your hands than without it!

One-Handed Operation mode



In this chapter, you find out how to customize your phone by populating the Home screen with widgets, shortcuts, and folders; change the default wallpaper; organize your Apps pages and create folders; set default and contact-specific ringtones; and configure and enable special system settings, such as Blocking mode and One-Handed Operation. Topics include the following:

- Customizing the Home screen with new wallpaper, shortcuts, folders, and widgets
- Setting the Apps view
- Changing system settings

Making the Phone Your Own

Nothing prevents you from using the phone exactly as it was when you first opened the box—keeping the default wallpaper, installing no additional widgets, downloading no new apps, and ignoring Settings for the operating system and apps. But the fun of having a powerful smartphone is in *customizing* it—personalizing the phone in ways that make it easier, more efficient, and fun to use.

Customizing the Home Screen

The easiest and most obvious way to personalize the phone is to customize its Home screen. In fact, many of the Home screen customization options, such as changing the wallpaper, adding widgets, and adding shortcuts to your favorite apps, are what users do first with their new phones.

Select Wallpaper

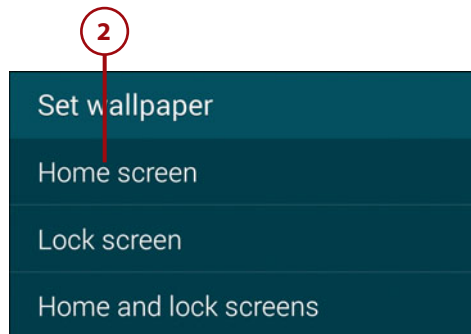
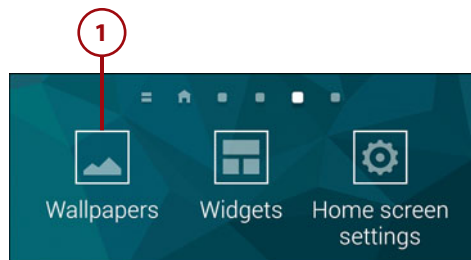
The simplest way to customize the phone is to change its Home screen background (called *wallpaper*) by selecting an image that's aesthetically pleasing, amusing, or touching. Wallpaper can be a static image or a *live*, moving image. The image you choose is applied to all Home screen pages.

1. On the Home screen, press and hold the Recent Apps key and tap the Wallpapers icon at the bottom of the screen.

Wallpaper Shortcuts

As alternatives, you can press and hold any empty spot on a Home screen page or pinch your fingers together on an empty spot, and then tap the Wallpapers icon.

2. Tap Home Screen, Lock Screen, or Home and Lock Screens—depending on the screen(s) for which you want to select a new wallpaper image.



Using a Photo as Home Screen Wallpaper

Photos make excellent lock screen wallpaper but so-so Home screen wallpaper. When a photo is used as a Home screen background, it's obliterated on most pages by widgets and shortcuts. When placed on the lock screen, on the other hand, you'll actually be able to see your treasured photo. You'll probably be happier with a pattern, color, or another simple wallpaper as the Home screen background.

3. Scroll through and tap thumbnails to view the available types of wallpaper. Options include More Images (a cropped area of a photo or other image that's stored on the phone or in an online account), personal images you've previously used as wallpaper, static images provided by Samsung and your carrier, and live wallpaper.
4. To apply an image or live wallpaper shown in the scrolling list, select its thumbnail and tap Set Wallpaper. If you want to use a photo or image that *isn't* in the Wallpapers list, continue with Step 5.

Static Versus Live Wallpaper

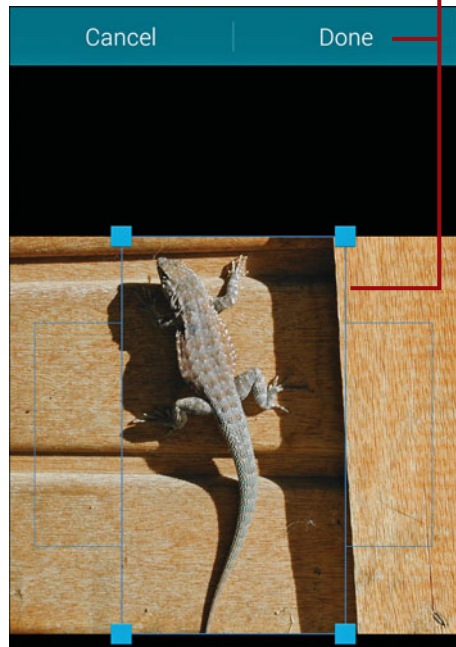
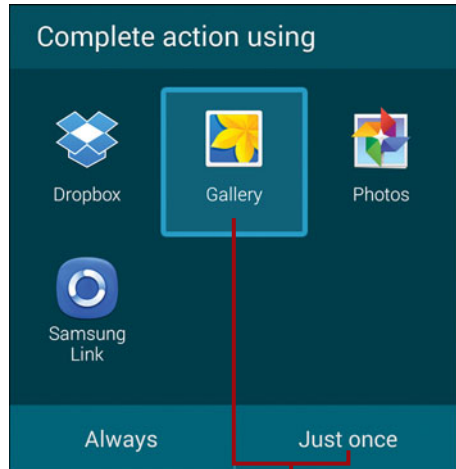
Live wallpaper contributes more to battery drain than a static wallpaper design or personal photo. If you find that you're running out of power too quickly, consider replacing your live wallpaper with static wallpaper.

5. Tap the More Images thumbnail.



6. If a Complete Action Using dialog box appears, select an app or image source, and tap Just Once.
7. Open the folder that contains the image. Tap the thumbnail to open the image for cropping, resize and move the selection rectangle as necessary to select the desired area, and tap Done.

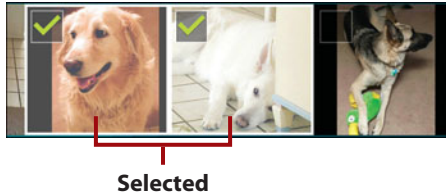
Select an app or source



Managing Personal Wallpaper Images

Each time you try out a personal image as wallpaper (Step 5), an image thumbnail is added to the scrolling Wallpapers list. To remove any image that you don't intend to reuse, perform Steps 1–2, press and hold one of the images to select it, select other images that you want to remove, and then tap the Trash icon at the top of the screen.

Selecting personal images to remove



Rearrange, Remove, and Add Home Screen Pages

The default Home screen has four horizontally scrolling pages, plus a special page dedicated to My Magazine/Flipboard—a news and social networking aggregator. You can rearrange the pages, remove ones that you don't need, or add new pages (up to the maximum of seven).

1. On the Home screen, press and hold the Recent Apps key, or press and hold (or pinch) an empty spot on a Home screen page.



2. *Move a page.* To change the position of a page, press and hold it, and then drag to the left or right. As you drag, affected pages automatically slide out of the way to make room for the page. Release the page when it's in the correct position.
3. *Designate a different main page.* The main page (marked with a house icon) can be *any* Home screen page, not just the first one. Whenever you're on the Home screen, pressing the Home key always takes you to this main page. To set a *new* main page, tap the house icon at the top of the page.

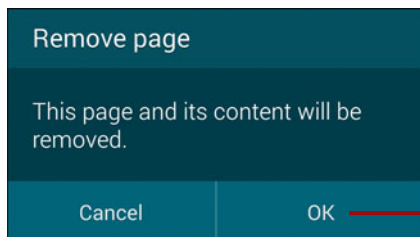


New main page position

4. *Delete a page.* Press and hold a page's thumbnail, and then drag it onto the Remove icon at the top of the screen. If the page contains one or more items, a confirmation dialog appears. Tap OK to confirm the deletion.

Effects of Deleting a Page

As indicated in the confirmation dialog, deleting a page also removes the items on that page, such as widgets and shortcuts. Of course, you can add those items to the remaining or new pages, if you want.



5. *Add a new page.* You can have a maximum of seven Home screen pages. To create a new page, scroll to the last page (marked with a plus (+) symbol) and tap the symbol. After adding a new page, you can optionally change its position (see Step 2).
6. When you finish editing, complete the process by pressing the Back key, pressing the Home key, or tapping the thumbnail of the Home screen page that you want to view.

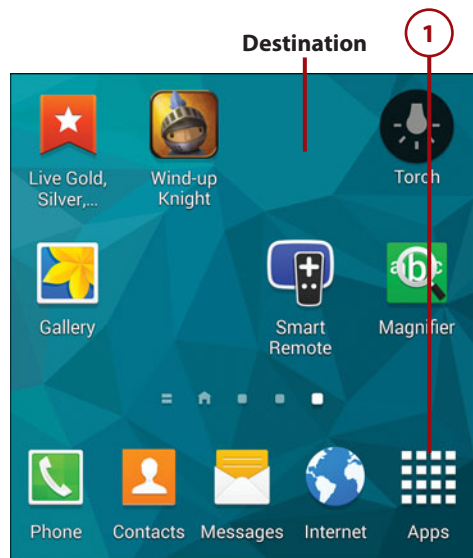
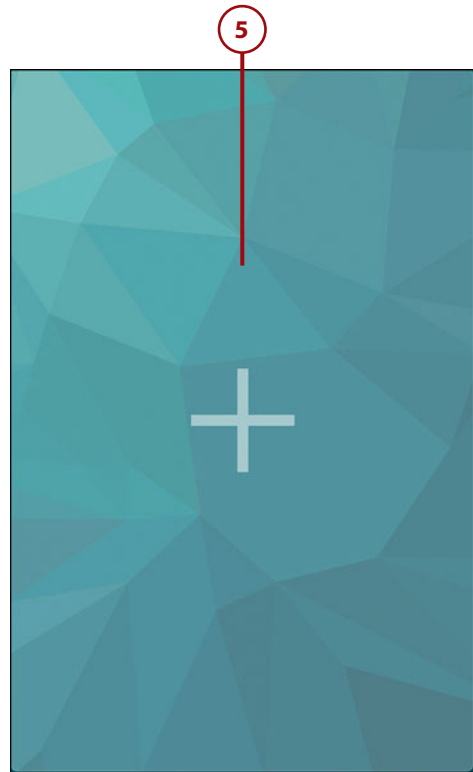
Home Screen Settings

Another option that can affect the number of Home screen pages is found by tapping the Home Screen Settings icon (see the figure for Step 1). You can elect to remove the My Magazine/Flipboard page and specify a transition effect to use when flipping through the Home screen pages.

Add Shortcuts

You can place shortcuts to your favorite apps on the Home screen. When you tap an app shortcut, the app that it represents launches. An *Android shortcut* is the equivalent of a Mac alias or a Windows shortcut.

1. Navigate to the Home screen page to which you want to add the shortcut, ensure that it has an open space for the shortcut, and tap the Apps icon. (You can add the shortcut to any page, but the current one is initially offered as the destination.)

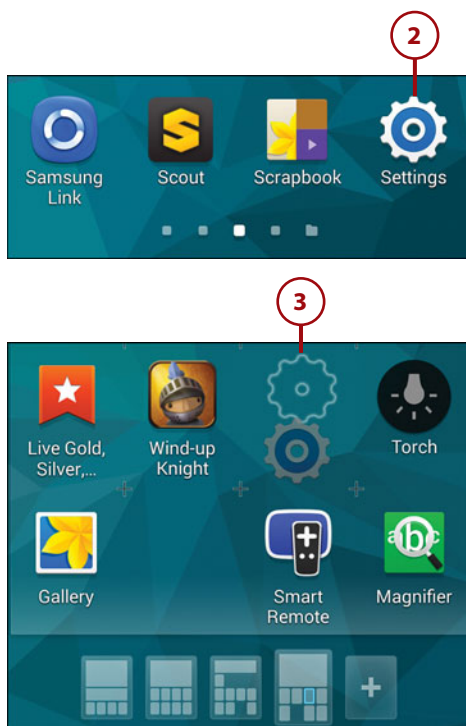


2. Find the app for which you want to create a shortcut.
3. Press and hold the app's icon, drag it into an open spot on the current Home screen page, and release the icon.

Repositioning or Removing a Shortcut

After creating a shortcut, you can reposition it on the current or a different Home screen page. Press and hold the shortcut, and then drag it to the desired position.

To remove a shortcut that you no longer want, press and hold it, and then drag it onto the Remove icon at the top of the screen. Removing a shortcut doesn't affect the item it represents.



Creating a Bookmark Shortcut

You can also create shortcuts to your favorite web pages. In the Internet or Chrome app, open the page or site for viewing. In Internet, tap the menu icon and choose Add Shortcut to Home Screen. In Chrome, tap the menu icon and choose Add to Homescreen, edit the name, and tap Add. The bookmark is added to a Home screen page.

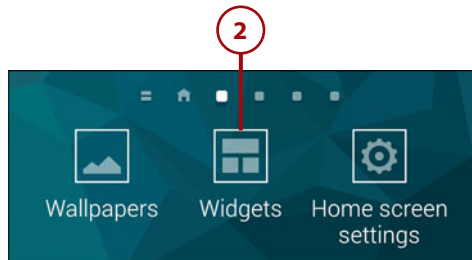
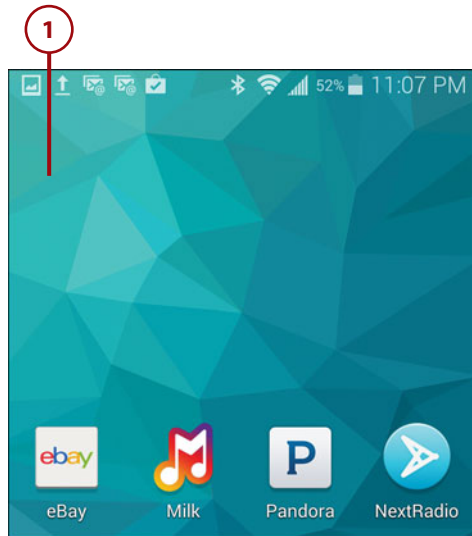


Add Widgets

A *widget* is an application that runs on the Home screen. Many, such as Weather, aren't interactive or are only minimally so. For example, you can tap the refresh icon on the Weather widget to force an update of the weather info. Otherwise, such widgets simply provide continuously updated information. Other widgets, such as Music, are designed for interaction. By tapping its buttons, you can pause or restart playback, and skip to the next or previous song.

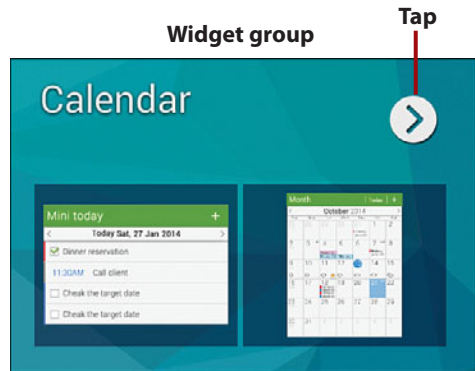
You can add a widget in any free space on a Home screen page, as long as there's room for it. Widgets come in a variety of sizes, from one- or two-section widgets to full-screen ones. In addition to the widgets supplied with your phone, downloaded applications sometimes include their own widgets.

1. Navigate to the Home screen page to which you want to add the widget and ensure that it has an open space for the widget.
2. Press and hold the Recent Apps key, and then tap the Widgets icon.

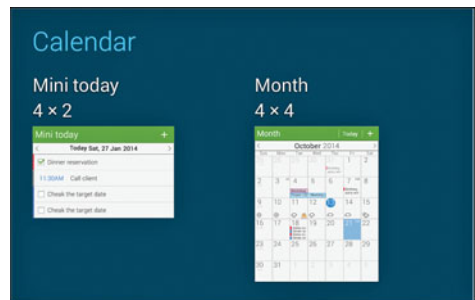


3. Find the widget that you want to install. Above each widget is the number of screen sections (horizontal \times vertical) it requires. To assist in your search, you can do any of the following:

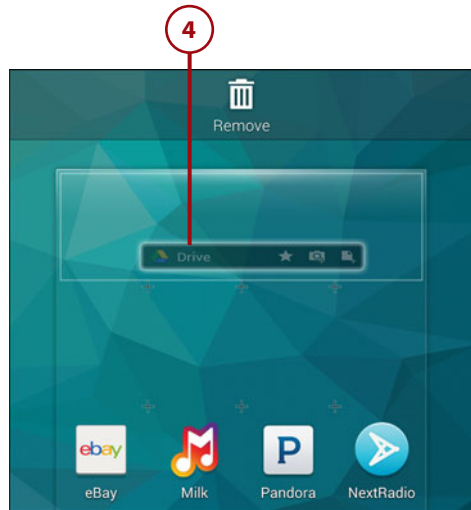
- Navigate the widget pages by swiping left and right or by tapping navigation dots.
- Search for a widget by tapping the menu icon and choosing Search Widgets. Enter part of the widget's name. As you type, matches are displayed. To dismiss the search box, tap the less than ($<$) icon on the box's left edge.
- Any widget followed by a greater than ($>$) icon is a *widget group*. To view or select one of its widgets, tap the $>$ icon.



Expanded widget group



4. Press and hold the widget, and then drag it into position on the current (or another) Home screen page.



>>>Go Further

WIDGET SHORTCUTS

Shortcuts in Android provide great flexibility because they can be direct links to a variety of things other than apps, such as files, records, and operating system elements. For instance, you can create a Direct Dial shortcut that automatically dials a person's phone number when you tap it. After adding the Direct Dial widget to a Home screen page, you select the person's Contacts record to link it to the shortcut.

Here are some other widget-based shortcuts you can add:

- *Book.* Links to a downloaded ebook.
- *Bookmark.* Links to a web page in Internet or Chrome.
- *Contact.* Links to a person's record in Contacts, enabling you to easily call, message, email, or locate the person.
- *Direct Dial.* Automatically dials the specified number, based on a selected record in Contacts.
- *Direct Message.* Enables you to create a new text or multimedia message to a specific person in Contacts.

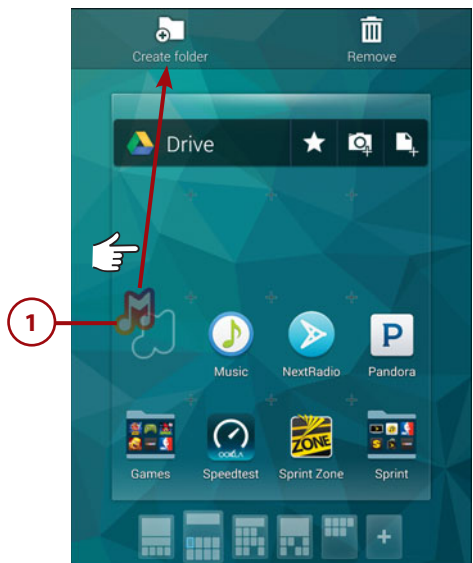
- *Directions*. Provides turn-by-turn navigation to a single specified destination.
- *Dropbox Folder*. Enables you to open a specific folder in your Dropbox account.



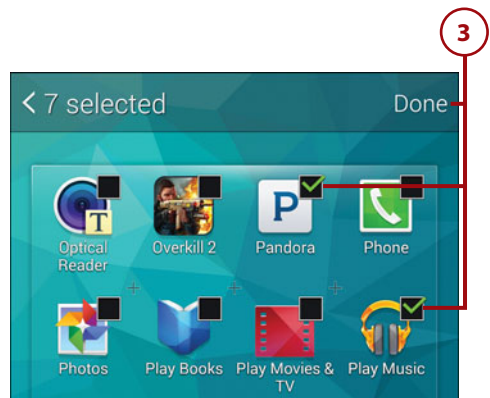
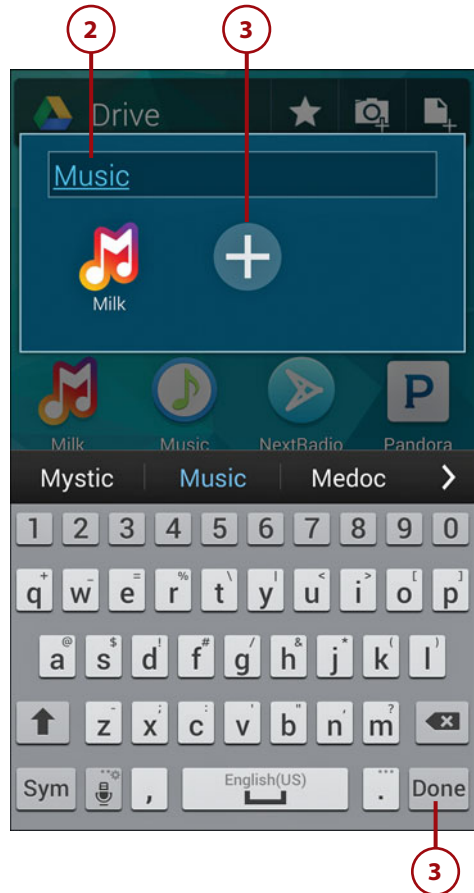
Create Folders

To help organize your Home screen shortcuts, you can add folders in which to store them.

1. On the Home screen, navigate to the page to which you want to add a folder. Press and hold the first shortcut that you want to add to the folder and drag it onto the Create Folder icon at the top of the screen.



2. Type a name for the folder in the text box.
3. To populate the folder, do one of the following:
 - Tap the Done key. When desired, you can add other shortcuts to the folder (or any other folder) by long-pressing each shortcut and dragging it onto the folder icon.
 - Tap the + (plus) icon, select apps by tapping each one's icon, and then tap Done. A shortcut is created for each checked app and inserted into the folder.

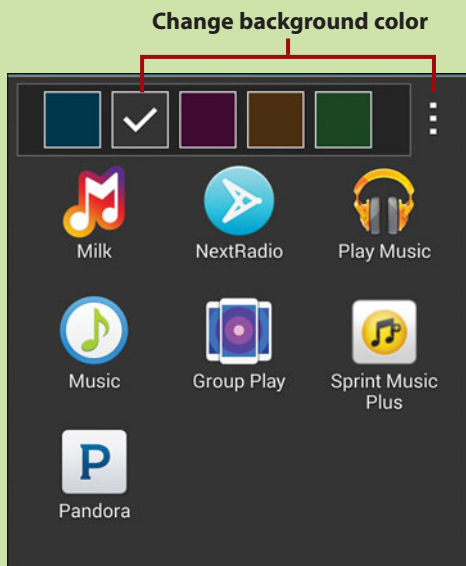


>>>Go Further

WORKING WITH FOLDERS

Of course, creating a folder is just the first step. Adding and organizing shortcuts within the folders is what makes them useful. Here's how to use, organize, and manage folders and their contents.

- Tap a folder to view the items it contains. In the pop-up window that appears, tap an item to launch or open it. To reposition an item in the folder, press and hold it, and then drag it to a new position. To close an open folder, tap anywhere outside of the folder.
- To change a folder's background color, open the folder, tap the menu icon, and then tap a color swatch.



- To remove an item from a folder, tap the folder to open it, press and hold the item's icon, and then drag it to any location outside of the folder. (To *delete* an app shortcut that's in a folder, drag the shortcut out of the folder. Then press and hold the shortcut, and drag it onto the Remove icon.)
- Finally, like other Home screen items, you can reposition a folder by pressing and holding its icon, and then dragging it to a destination on the current or a different Home screen page.

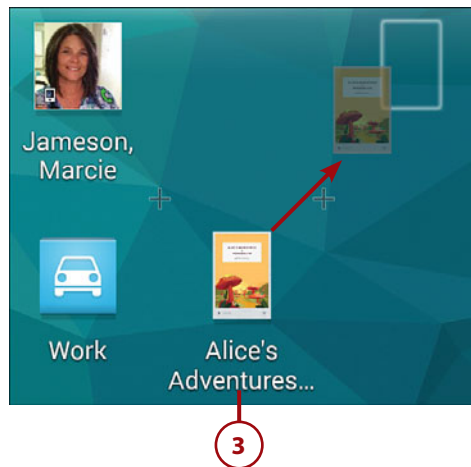
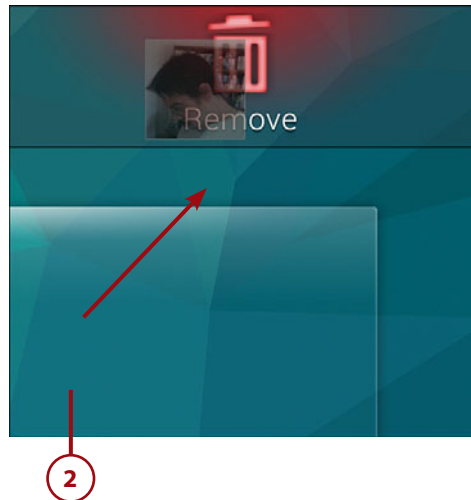
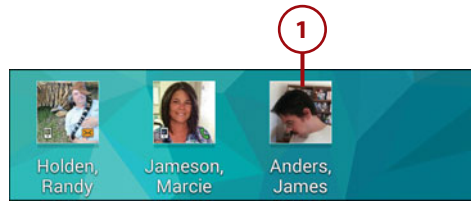
Reposition and Remove Home Screen Items

Part of the fun of setting up your Home screen pages is that you can freely rearrange items. Because many items are shortcuts, removing them from the Home screen has no effect on the actual items they represent. Follow these steps to reposition or remove Home screen items.

1. On the Home screen page, press and hold the item you want to reposition or remove.
2. *Remove* the item by dragging it onto the Remove icon that appears at the top of the screen. When you release the item, it is removed.
3. *Reposition* the item by dragging it to an empty or occupied spot on the current or another Home screen page. If the destination is occupied, items will shift to make room (if possible). When you release the item, the move is completed.

Moving Between Pages

When moving an item between Home screen pages, don't let up on the finger pressure until the destination page appears. If you inadvertently release the item on the wrong page or in the wrong spot, press and hold the item again and finish the move.



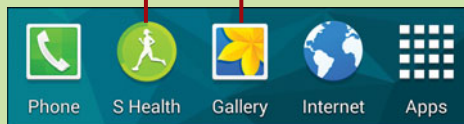
>>>Go Further

REARRANGING AND REPLACING THE PRIMARY SHORTCUTS

At the bottom of every Home screen page are the five primary shortcuts: Phone, Contacts, Messages, Internet (or Chrome), and Apps. If desired, you can rearrange, remove, or replace any of the first four.

- To *rearrange* the primary shortcuts, press and hold the one you want to move, drag it to the left or right, and then release it when it's in the correct position.
- To *remove* a primary shortcut, press and hold it, and then drag it to the Remove icon at the top of the page. If you want to remove the primary shortcut from the bottom of the screen but keep it on the page, drag it to any blank spot on the current Home screen page.
- To *replace* a primary shortcut (or add one, if you have less than four), drag the replacement or addition from a Home screen or Apps page onto the primary shortcut you want to replace or into position between a pair, respectively.

New primary shortcuts



Setting the Apps View

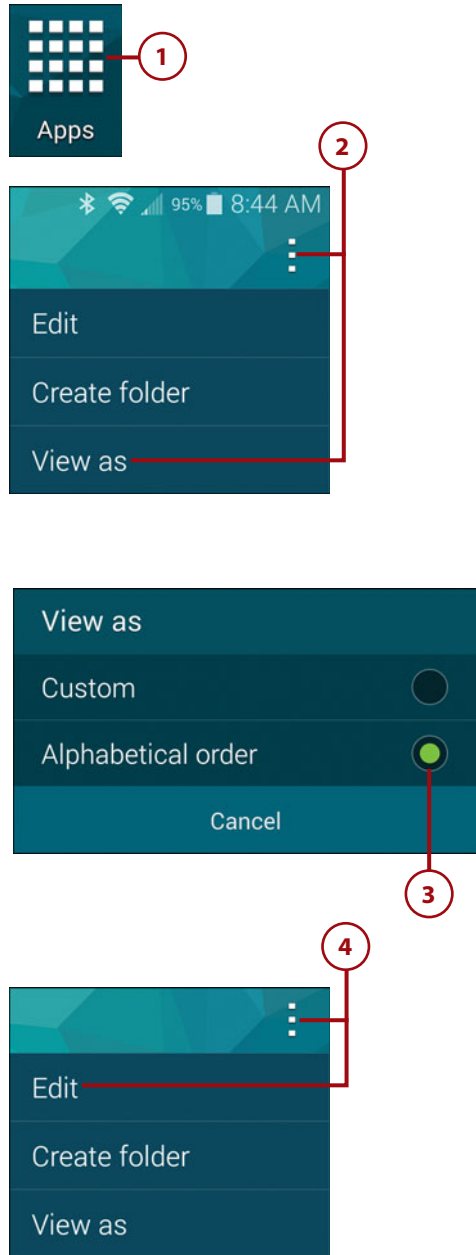
The default method of viewing your installed apps is an alphabetical, multi-page grid. Because you'll spend a lot of time in Apps, you may prefer to change this display to show your apps as a custom grid that you've arranged in a fashion and order you prefer.

1. On the Home screen, tap the Apps icon.
2. Tap the menu icon and choose View As.
3. In the View As dialog, select one of the following:
 - *Alphabetical Order*. This is the default display style, presenting and maintaining all app icons alphabetically. Whenever you install a new app, it is automatically inserted into the correct spot.
 - *Custom*. This option enables you to create additional grid pages and arrange the app icons however you like, such as putting all games or image-editing apps together and placing your most frequently used apps on the last Apps page.

Change Is Constant

In previous versions of the Android operating system, you could also display your apps as a scrolling alphabetical list. That option is no longer supported. Another big change is that folders can be created and used in *either* view—not just Custom. Folders are always displayed on the last Apps page.

4. In either view, you make most changes in Edit mode. To enable Edit mode, open the menu and choose Edit.



Edit Mode First!

Most modifications you make to the Apps pages require that you first switch to Edit mode. If you neglect (or forget) to do this, changes are made to Home screen pages rather than Apps pages. If you mistakenly find yourself on the Home screen while dragging an app or folder, drag the item onto the Cancel icon at the top of the screen.

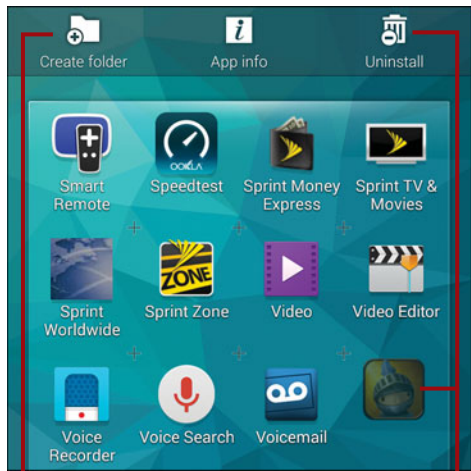
5. *Alphabetical Order view.* Although you can't rearrange the apps, you can use Edit mode to create folders, view an app's App Info screen (normally accessed by tapping Settings, Application Manager), and uninstall or disable certain apps. Press and hold an app and then drag it onto the appropriate icon at the top of the screen.

Uninstalling and Disabling Apps

As explained in "Uninstall, Disable, and Hide Apps" in Chapter 10, "Installing and Using Applications," whether you can uninstall, disable, or do neither with an app depends on the app. Apps that you downloaded can normally be uninstalled. Certain Android, Samsung, and carrier-provided apps can be uninstalled or disabled, whereas others—especially critical system apps—must remain on your phone and cannot be disabled. When you press and hold an app, only the allowable action is presented as an icon: Uninstall, Disable, or neither icon.

6. *Custom view.* In addition to the Edit mode actions in Step 5, you can rearrange apps by dragging them to new positions. You can also create additional app pages by long-pressing an icon you want to add to the new page, and then dragging it onto the Create Page icon at the top of the screen.

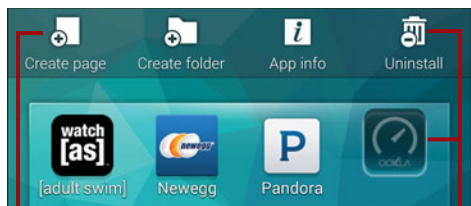
Alphabetical Order view



Command icons

5

Custom view



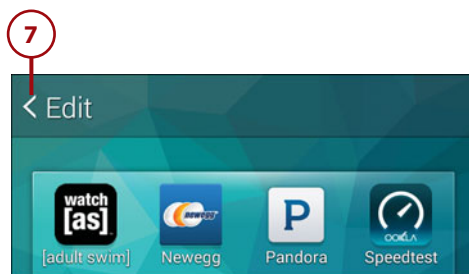
Command icons

6

No Blank Spots or Pages

When rearranging apps, blank spaces are only allowed at the end of each Apps page. Similarly, if a page is blank after you finish your edits, the page is automatically removed.

7. When you finish making changes to the Apps pages, exit Edit mode by tapping the Back icon or by pressing the Back key.

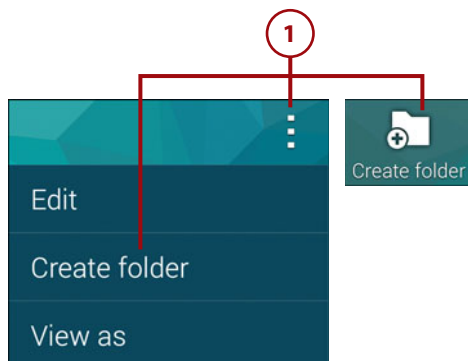


Creating and Working with App Folders

As mentioned, folders are now supported in both Apps views and are automatically placed on the last Apps page. The purpose of creating folders is to reduce app clutter and impart additional organization to the Apps pages, grouping similar apps in one convenient location. When an app is added to a folder, its icon is removed from the Apps grid.

Create App Folders

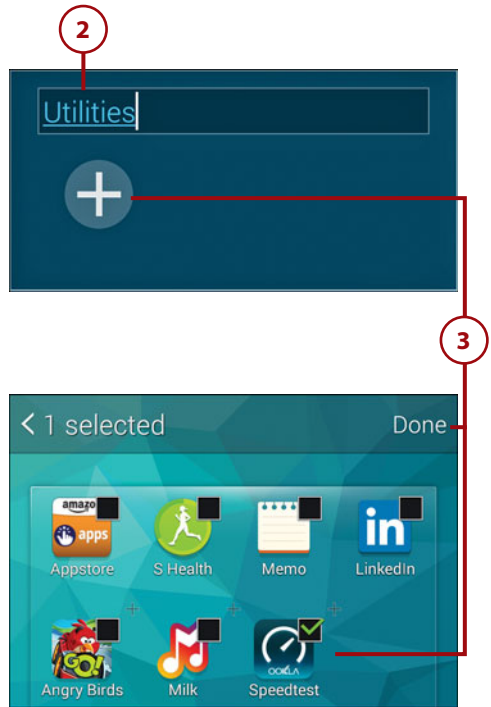
1. To create a folder in Apps, do one of the following:
 - Open the menu and choose Create Folder.
 - Press and hold an app that you want to move into the new folder, and drag it onto the Create Folder icon at the top of the screen.



2. Name the folder.
3. During the folder-creation process, you can optionally select apps to populate the folder. Do one of the following:
 - To immediately add apps to the folder, tap the plus (+) icon, tap the check box of each app you want to add, and tap Done. The added apps are moved into the folder.
 - To create the named folder without adding other apps at this time, tap the Done key on the keyboard.

Manually Adding Apps to a Folder

To manually add apps to a folder, enable Edit mode and then drag app icons onto the folder. You can add and remove apps from a folder whenever you want.



Work with App Folders

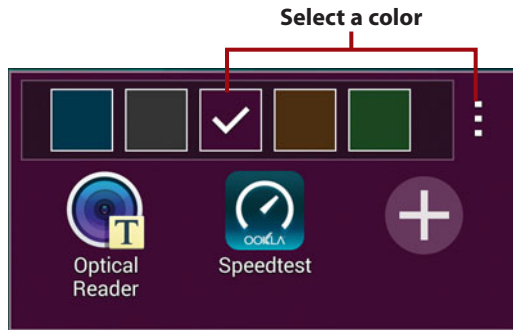
After creating a folder and adding some apps to it, you can do the following:

- *Launch an app.* Scroll to the last page of Apps, tap the folder to open it, and then tap the icon of the app you want to launch.

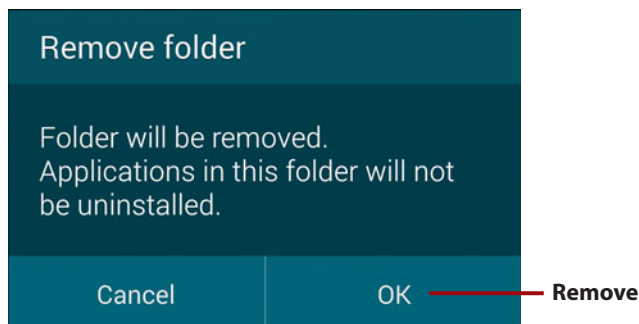
Closing the Folder

If you decide not to launch an app, you can close the open folder by tapping any blank space inside the folder or by pressing the Back key.

- *Change the background color.* Open the folder, tap the menu icon, select a color, and then tap anywhere in the folder. You set the background color individually for each folder. You can change the color even when Edit mode isn't active.



- *Remove apps from a folder.* Enable Edit mode, tap the folder to display its contents, and then drag the app out of the folder onto any Apps page—other than a folders page. If you release the app on a folders page, it's assumed that you want to *create* a folder to enclose the app.
- *Rearrange folders (Custom view only).* Enable Edit mode, press and hold a folder to select it, and then drag it into a new position on a folders page. As is the case when rearranging apps, no blank spaces are allowed within a folders page.
- *Remove a folder.* Enable Edit mode, press and hold the folder, and then drag it onto the Remove icon at the top of the screen. Tap OK in the Remove Folder confirmation dialog. Apps within the deleted folder are restored to the Apps pages.



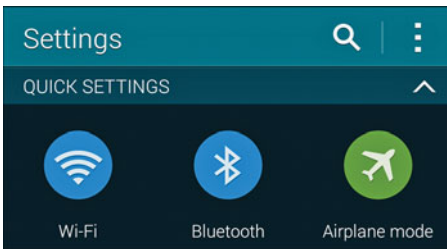
Changing System Settings

By changing preferences in Settings, you can make the phone look and work to match your needs. Although system and app settings are discussed throughout the book, this section points out some that aren't mentioned elsewhere but are important in customizing your phone.

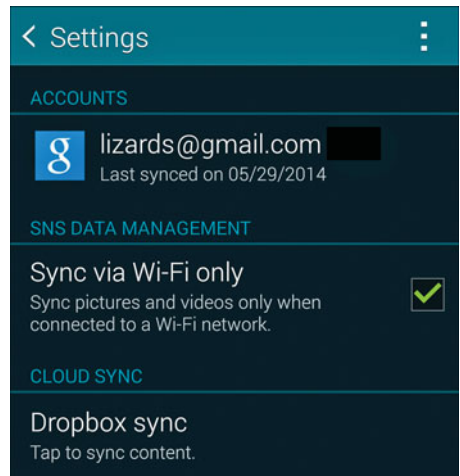
To access system settings, go to the Home screen and tap Apps, Settings. You can also tap a Home screen Settings shortcut (if you've created one), or you can open the Notification panel and tap the Settings icon at the top. (An advantage of the latter approach is that you can go to Settings no matter what you're doing without first having to return to the Home screen.)

To access an app's settings (for those that provide them), launch the app, tap the menu icon, and choose Settings.

System settings (Grid view)



App settings (Gallery)



Different Views of Settings

There are three different methods of displaying Settings: Grid, List, and Tab view. To switch views, tap the menu icon and choose a new view. If what you see onscreen looks substantially different from the figures in this and other chapters, it's probably because you've set a different view. Most Settings figures in this book show Grid view—the default view for a brand new S5.

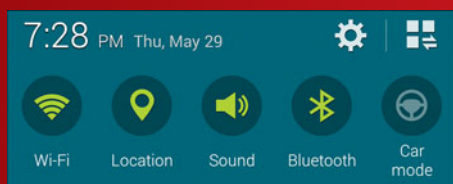
It's Not All Good

Quick Setting Buttons Versus Quick Settings

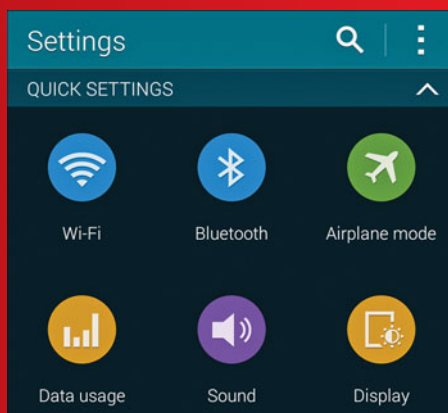
You've undoubtedly noticed that—in addition to the Quick Settings in the Notification panel—the first section of Settings is labeled Quick Settings. Imagine my surprise when I discovered that the icons in Settings weren't the same as the ones in the Notification panel! Unfortunately, although the two sets of icons have essentially the same name, they're *different* features. (Nice programming, guys.)

The icons in the Notification panel are properly called *Quick Setting buttons*; the icons in the first section of Settings are the *Quick Settings*. Customizing both sets are discussed in the following sections—separately, of course.

Quick Setting buttons (Notification panel)



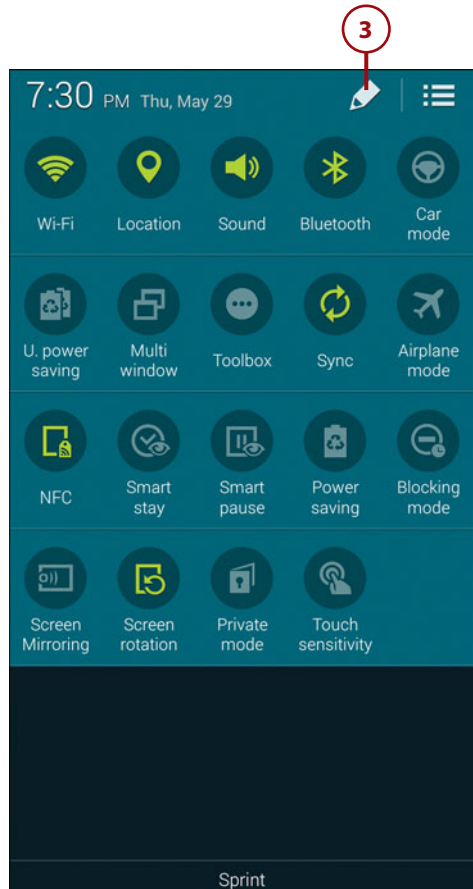
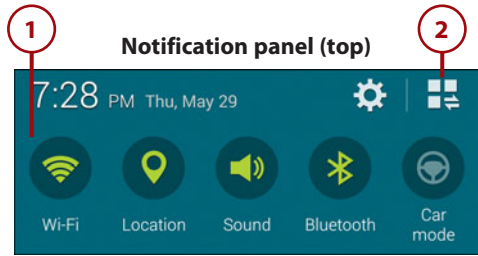
Quick Settings (Settings)



Customize the Quick Setting Buttons

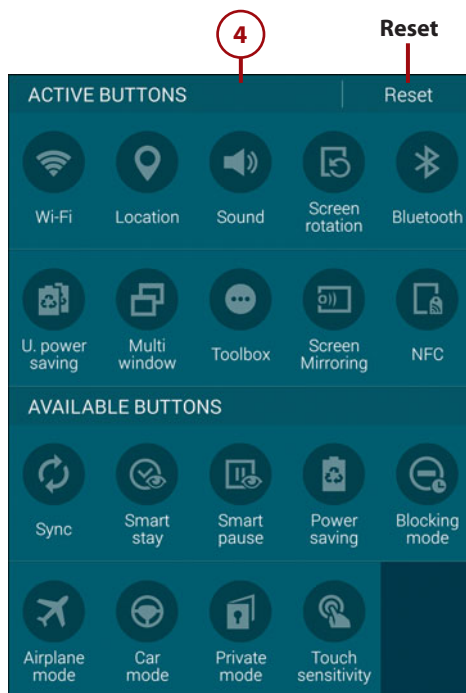
At the top of the Notification panel is a horizontally scrolling string of icons called *Quick Setting buttons*. By tapping these buttons, you can quickly enable or disable system features. If you press and hold most of these buttons, you go directly to that feature's screen in Settings. You can customize the Quick Setting buttons by selecting different settings to display and changing the order in which they're listed.

1. Open the Notification panel by swiping the top of the screen downward.
2. Tap the Grid View icon to display the entire array of Quick Setting buttons.
3. Tap the Edit icon.



4. The Quick Setting buttons are divided into two sets: Active Buttons (those currently in use in the Notification panel) and Available Buttons (other buttons that can be moved into the Active Buttons set). You can edit the Quick Setting buttons in these ways:

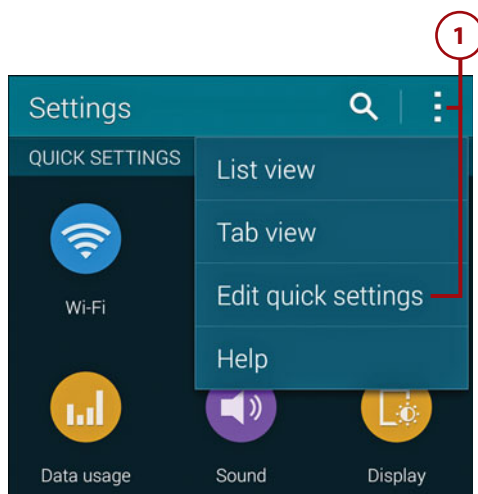
- Swap any pair of buttons by long-pressing a button in one set and dragging it onto a button in the other set. (The final set of Active Buttons can contain either nine or ten buttons.)
- Change the order of the Active Buttons by long-pressing a button and dragging it to a new position. The two buttons swap places.
- Restore the original Quick Setting buttons and their order by tapping Reset.



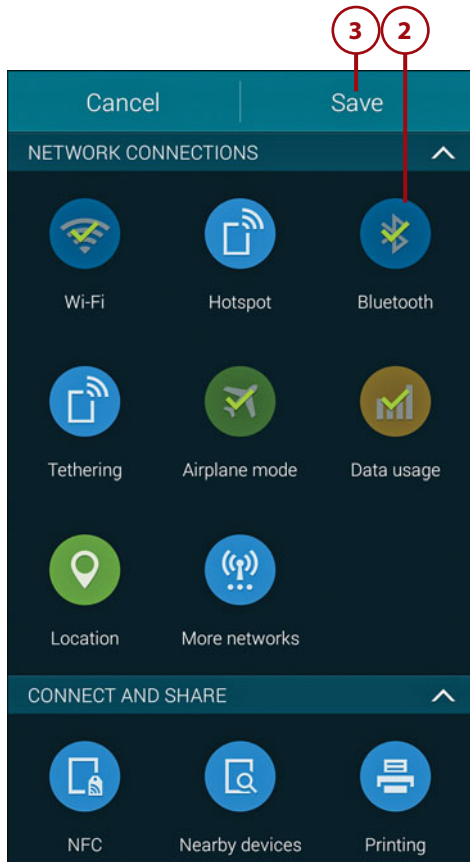
Customize the Quick Settings

Whenever you open Settings, the first section—regardless of the view you've set (Grid, List, or Tab)—is always Quick Settings. The purpose of the Quick Settings is to make a dozen of your most frequently used settings easily accessible without having to remember the Settings section in which each one can otherwise be found.

1. Open Settings by tapping Apps, Settings (or any other method previously discussed) and choose Edit Quick Settings from the menu.



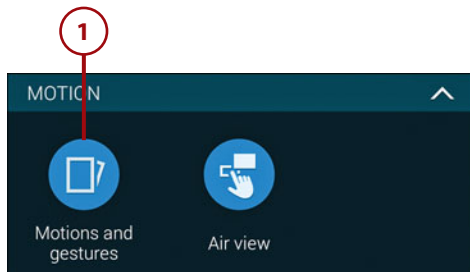
2. Quick Settings can contain only a dozen settings. To change the current settings, tap those you want to eliminate (removing their check marks) and then tap the settings icons that you want to use as replacements.
3. Tap Save when you're done making changes.



Motions and Gestures Settings

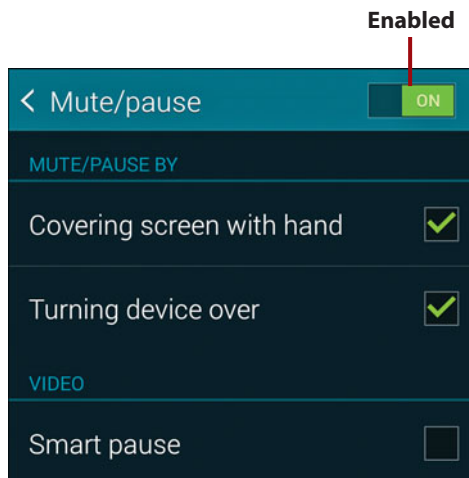
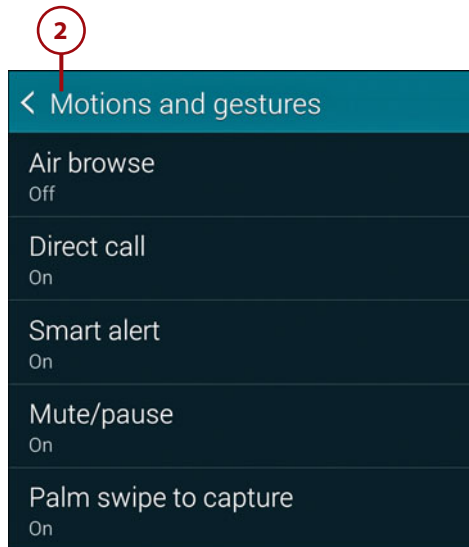
You can selectively enable Motions and Gestures settings to control phone features by making special movements with the phone or gestures that are sensed by it. Many of these settings are very helpful; others... well, you be the judge.

1. Open Settings, and tap the Motions and Gestures icon (in the Motion section).



2. Each of the Motions and Gestures settings operates as an on/off toggle. They work as follows:

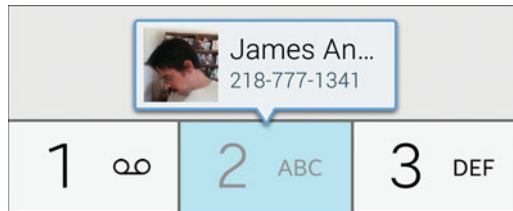
- *Air Browse*. When enabled, you can wave your hand over the sensor at the top of the phone to instruct it to scroll in various apps, such as Gallery, Music, Email, and Internet.
- *Direct Call*. When viewing a person's contact record, log entry, or message conversation, you can move the phone to your ear to automatically call the person.
- *Smart Alert*. When you pick up the phone, it vibrates to notify you of missed calls or messages.
- *Mute/Pause*. When enabled, you can specify methods that can be used to pause media playback and mute alarms or incoming calls. Unlike the two natural motions for silencing the phone, Smart Pause relies on the front camera to detect when you're looking at the screen. If it senses you've looked away, video playback is automatically paused. It restarts again when it detects that you're looking at the screen.
- *Palm Swipe to Capture*. When enabled, you can create screen captures by placing the edge of your hand on the screen and dragging across it. Captured screens are saved in the Screenshots folder. (You can also create screen captures by simultaneously pressing the Home key and Power button.)



Air View

When enabled, Air View instructs certain apps to respond when they sense that your finger is hovering slightly above the screen. For example, Calendar can pop up an event's details and Phone shows the person and number associated with a speed dial number. To enable or disable Air View, open Settings and tap the Air View icon (in the Motion section).

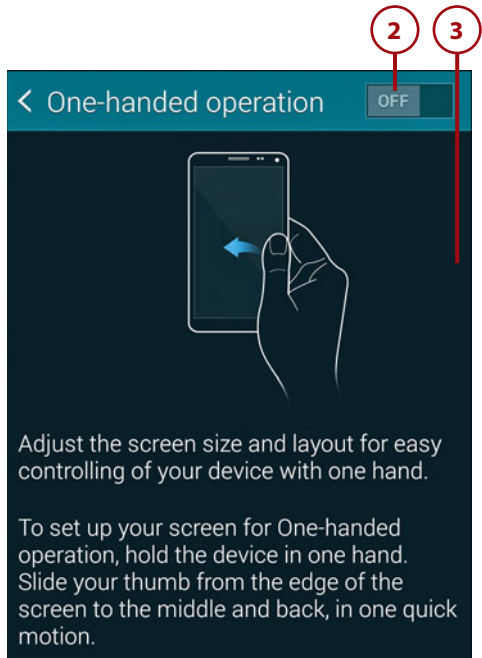
Air View (Speed Dial Assignments)



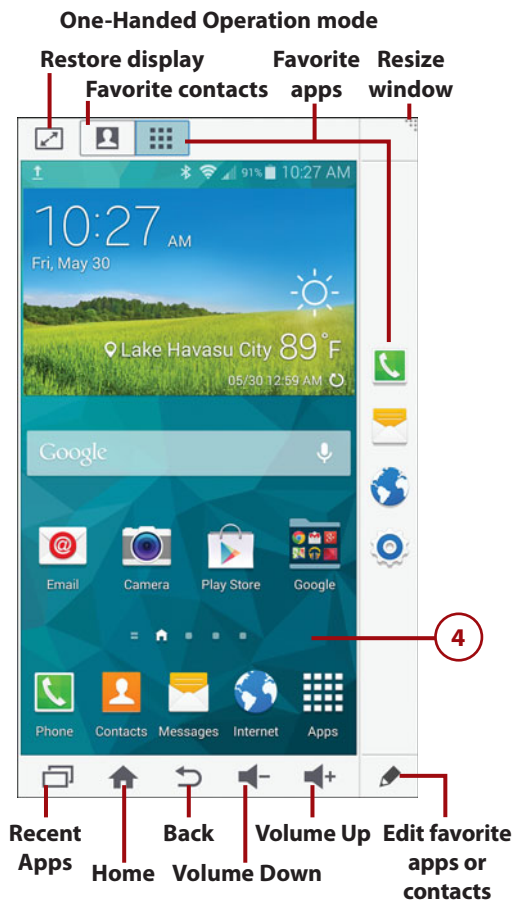
One-Handed Operation

If you sometimes need to operate the phone entirely with one hand, you can enable One-Handed Operation. When enabled, the screen is reduced in size and shifted so it's closest to the operating hand. To avoid the need to press the hardware buttons at the bottom of the phone and other essential controls, onscreen controls are added to the reduced display within reach of your thumb.

1. Open Settings and tap the One-Handed Operation icon (in the Sound and Display section).
2. Enable One-Handed Operation mode by moving the slider to the On position.
3. Follow the onscreen directions by sliding your thumb from the outer edge to the center and then back. When successful, the screen will reduce in size.



4. To configure and use the reduced screen, you can do any of the following:
 - Drag the upper-right corner to adjust the display size.
 - Tap icons at the bottom of the screen rather than trying to press the keys they represent.
 - Tap icons at the top of the screen to display your favorite contacts or favorite apps on the right edge of the window. With the contacts or apps icon selected (dark), you can tap the Edit icon to modify the listed contacts or apps. To hide the favorites, tap the same icon at the top of the screen again.
5. When you're done using One-Handed Operation, repeat Steps 1 and 2 to disable it.



It's Not All Good

A Cool, Finicky, Undocumented Feature

One-Handed Operation is an *exceptionally* cool feature. It's obvious that a tremendous amount of work went into creating it. However, it's difficult to enable, largely undocumented, and automatically disables itself now and then as explained here.

- Try as I might, it frequently takes me dozens of thumb-swiping attempts to enable this mode. I have no idea whether success is determined by the position of the hand, palm, or thumb; using the flat or side of the thumb; the section of the screen one should swipe; the speed of the swipe; the pressure applied; or some combination of these. To make matters worse, *you must repeat this process every time you want to re-enable it*. This should be a setting that's stored by the S5.
- One-Handed Operation is virtually undocumented. There are many factors to the proper enabling, operating, and customization of this feature. It's sufficiently complex so that users shouldn't be expected to simply *discover* how it works.
- Finally, this feature screams for configuration settings. You should be able to dictate whether/when it automatically reverts to the normal screen. (In fact, when this happens, it *might* still be operating. I managed to restore to the reduced screen once, but have no clue how I did it.) An option to add One-Handed Operation to the Quick Setting buttons in the Navigation pane—to *quickly* enable it—would be helpful, too. (This assumes that after you've successfully enabled it once, it could be re-enabled by simply toggling the slider.)

Hopefully, One-Handed Operation is a feature that's tweaked and improved in updates—rather than one that quietly disappears.

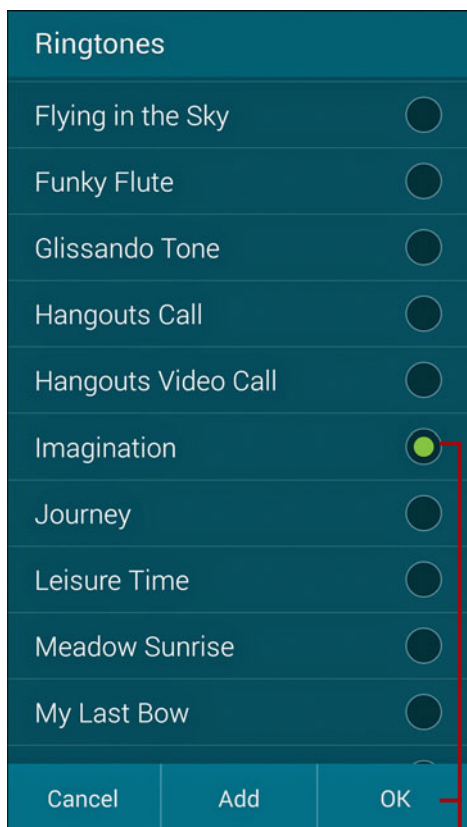
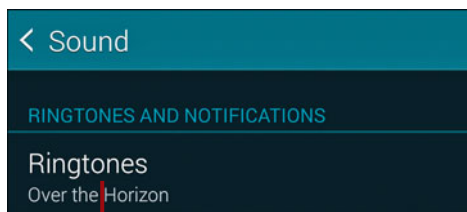
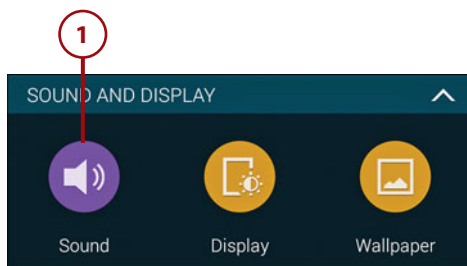
Ringtones

A *ringtone* is an audible event notification, such as a sound effect or snippet of music. You can specify default ringtones for incoming calls and text messages, as well as set person- or group-specific ringtones.

Set the Default Incoming Call Ringtone

Unless overridden by a personal or group ringtone, the default ringtone plays to notify you of an incoming call.

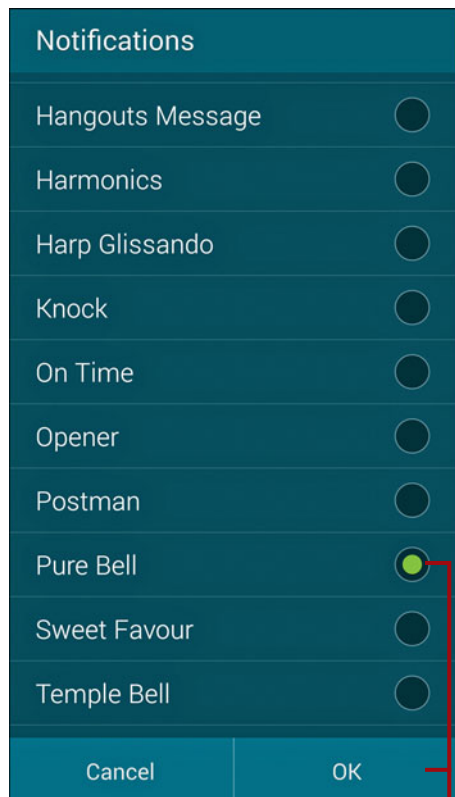
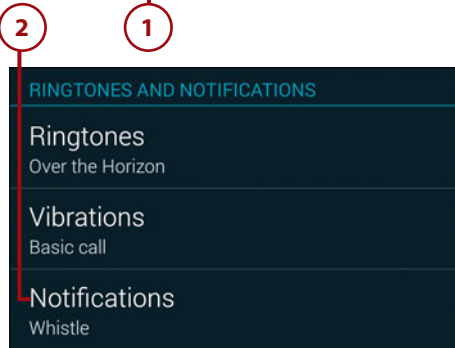
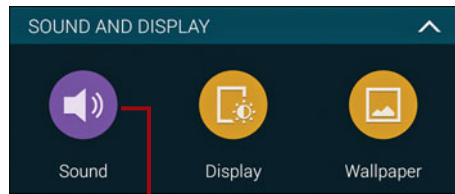
1. Open Settings and tap the Sound icon (in the Sound and Display section).
2. Tap Ringtones.
3. The Ringtones dialog box appears, showing a scrolling list of all built-in, created, and downloaded ringtones. Tap a ringtone to play it. When you're satisfied with your choice, tap OK. (For an explanation of the Add button, see the note at the end of the "Assign a Ringtone to a Contact" task.)



Set the Default Notification Ringtone

Unless overridden by a personal or group ringtone, the default notification ringtone plays to signify a new email, new text message, missed call, waiting voicemail, or upcoming Calendar event. Unlike call ringtones, notification ringtones are brief and less intrusive.

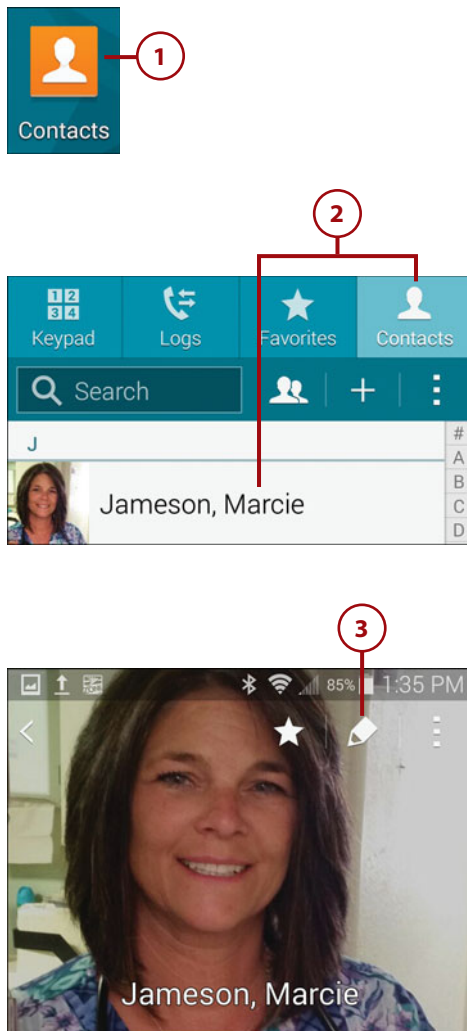
1. Open Settings and tap the Sound icon (in the Sound and Display section).
2. Tap Notifications.
3. The Notifications dialog box appears, showing a scrolling list containing all the notification ringtones. Tap an entry to play it. When you're satisfied with your choice, tap OK.



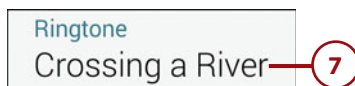
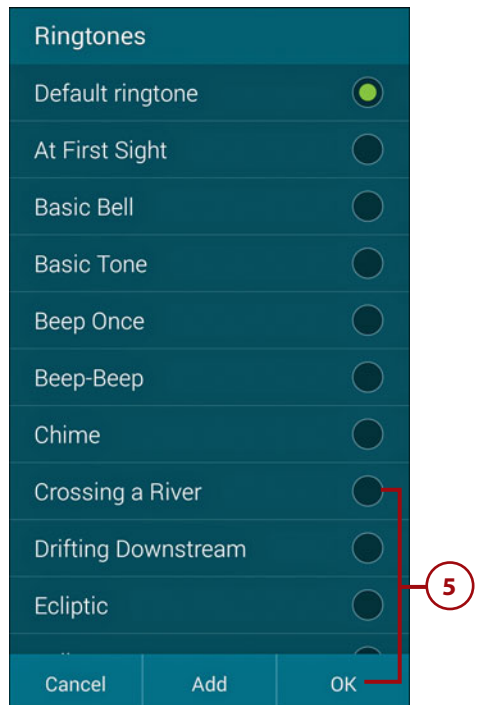
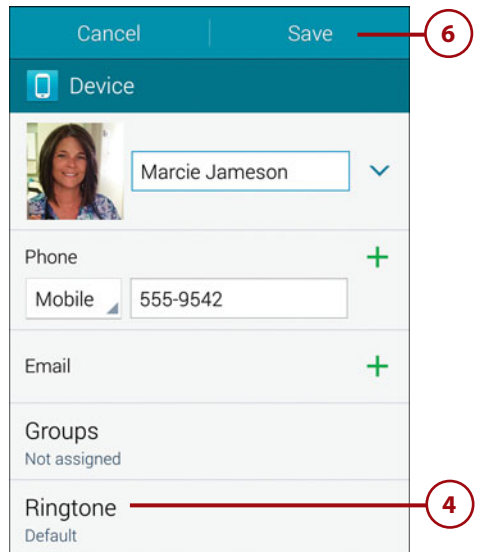
Assign a Ringtone to a Contact

To make it easy to quickly recognize an incoming call from a person, you can associate a distinctive ringtone with his or her record in Contacts.

1. Open Contacts by tapping its Home screen icon or by tapping Apps, Contacts.
2. With the Contacts tab selected, find the person's record by scrolling or searching. Tap the record to open it.
3. Tap the Edit icon.

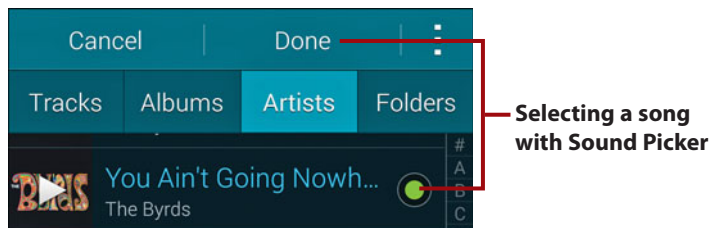


4. Tap the Ringtone entry.
5. Select the ringtone that you want to use and tap OK. Select Default Ringtone (at the top of the list) if you prefer to use the default ringtone for this contact.
6. Tap the Save button.
7. The selected ringtone is associated with and displayed on the person's contact record.



Using Sound Files and Songs as Ringtones

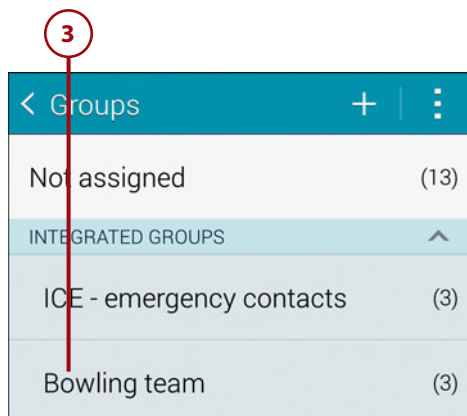
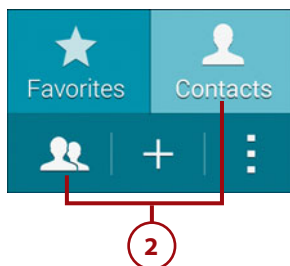
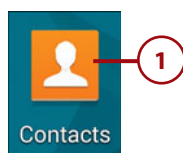
If the ringtone you want to use isn't listed in the Ringtones dialog box, tap Add. If a Complete Action Using dialog box appears, select the app that you want to use to specify the ringtone (such as Sound Picker, for example) and tap Just Once. Navigate to the ringtone, sound, or music file; select it; and tap Done or OK.



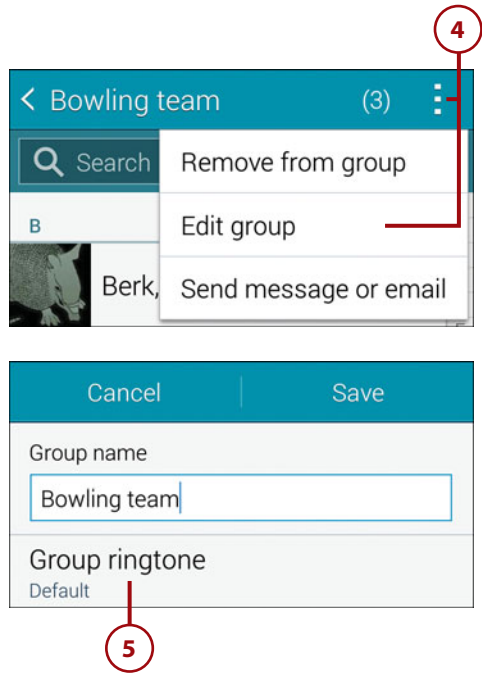
Assign a Ringtone to a Contact Group

You can also assign a distinctive ringtone to all members of a contact group. (To learn about groups, see "Working with Contact Groups" in Chapter 5, "Managing Contacts.")

1. Open Contacts by tapping its Home screen icon or by tapping Apps, Contacts.
2. Select the Contacts tab, and then tap the Groups icon to display the list of defined groups.
3. Open a group by tapping its name.



4. Tap the menu icon and choose Edit Group.
5. Tap Group Ringtone and select a ringtone as described in Steps 5–7 of the previous task (“Assign a Ringtone to a Contact”).



>>>Go Further

WHICH RINGTONE HAS PRECEDENCE?

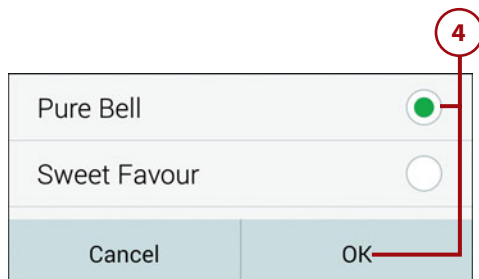
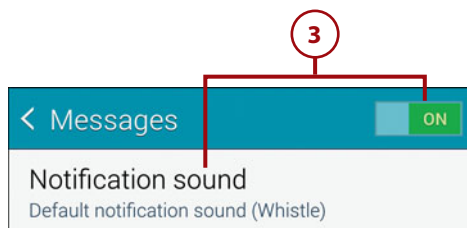
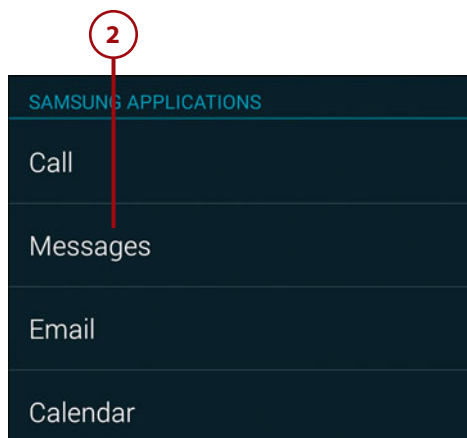
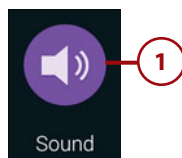
After reading the material in this section, you might be wondering what happens when a person is associated with *multiple* ringtones. For instance, although Bob may have been assigned a personal ringtone, he may also be a member of a group that has a different ringtone. The answer is that *a contact record ringtone always has precedence*.

Thus, if a caller has no personal ringtone and doesn't belong to a group with a ringtone, his calls are announced by the default ringtone. If the person belongs to a group with a ringtone and he doesn't have a personal ringtone, the group ringtone plays. Finally, if a person belongs to a group with a ringtone *and* also has a personal ringtone, the personal ringtone plays.

Assign a Message Notification Sound

In addition to selecting a sound to announce new text and multimedia messages from within the Messages app, you can set one in Sound settings. In this task, you learn to use this second approach. The technique can also be used to specify a sound or ringtone to announce incoming calls, new email, or calendar events.

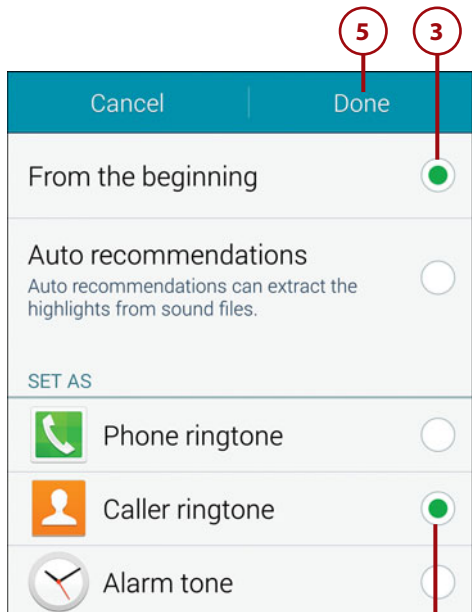
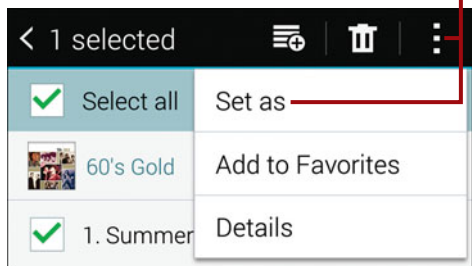
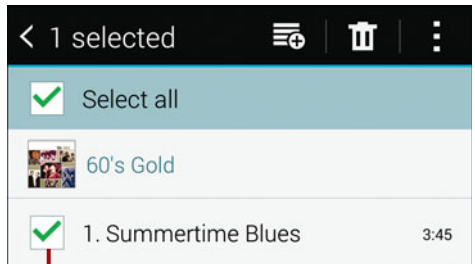
1. Open Settings and tap the Sound icon (in the Sound and Display section).
2. Scroll to the Samsung Applications section of Sound Settings and tap Messages. (Note the entries for other apps and features.)
3. Ensure that Messages is On, and then tap Notification Sound.
4. Select a sound from the scrolling list and tap OK. (If you'd rather not have a messaging sound, select Silent.)



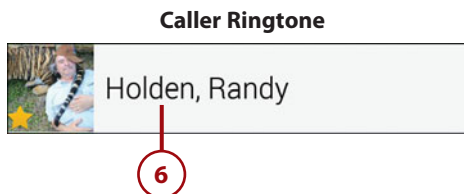
Create Ringtones from Songs

Here's another method for creating a ringtone from a song.

1. Launch Music, and select the song by pressing and holding its title.
2. Open the menu and choose Set As.
3. Tap From the Beginning or Auto Recommendations to specify the part of the song to use as the ringtone.
4. In the Set As section, tap Phone Ringtone to use the song as the default ringtone for incoming calls. Tap Caller Ringtone to play the song whenever you receive a call from a particular person. Tap Alarm Tone to use the song as the alarm tone for an alarm you're about to create in the Clock app.
5. Tap Done.



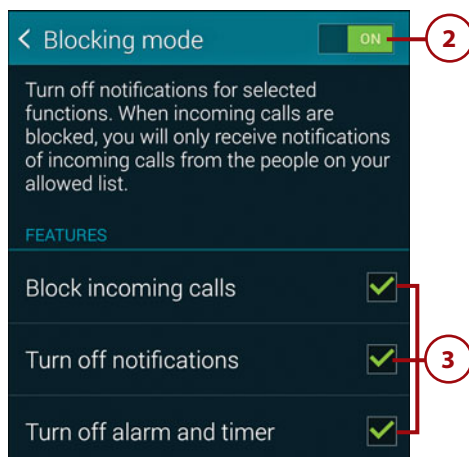
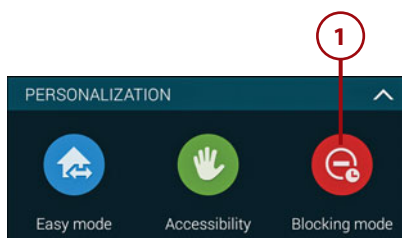
6. If you selected Caller Ringtone or Alarm Tone in Step 4, select the person's record in Contacts or create the alarm to which you want to link the song.



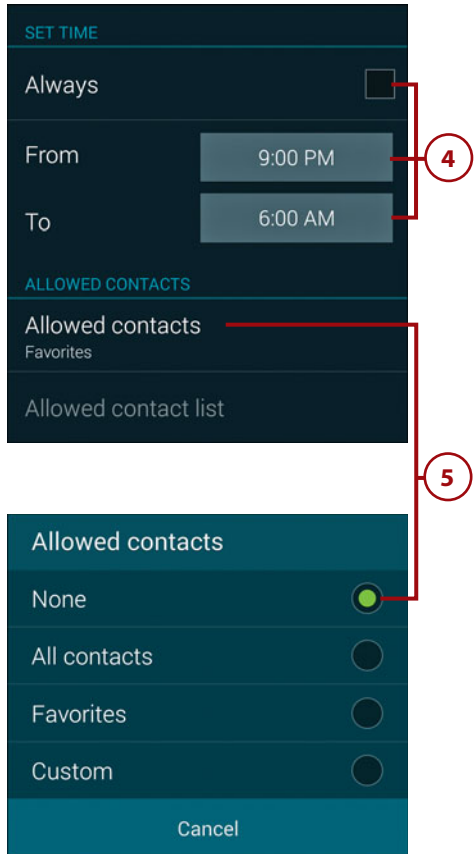
Blocking Mode

If you enable Blocking mode, you can elect to receive only certain types of notifications while blocking others. Blocking can be set for a period of time (to silence notifications during an important meeting, for example) or permanently enabled for certain features.

1. Open Settings and tap the Blocking Mode icon (in the Personalization section).
2. Enable Blocking mode by dragging its slider to the On position.
3. In the Features section, check each feature that you want to block.

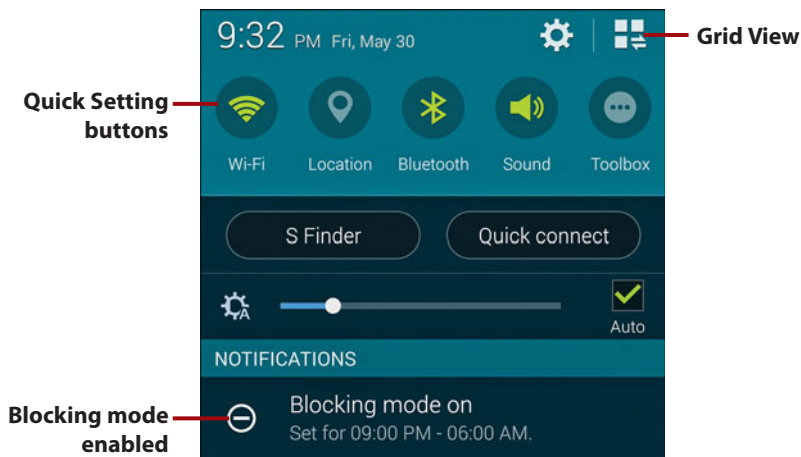


4. In the Set Time section, do one of the following:
 - Tap the Always check box to enable blocking of the selected features indefinitely—until it's turned off.
 - Tap the From and To time settings to set a specific period during which blocking will be active.
5. In the Allowed Contacts section, specify people you want to treat as *exceptions*; that is, those whose notifications will *not* be blocked. Tap Allowed Contacts and select an option: *None* (no exceptions), *All Contacts* (anyone with a Contacts record), *Favorites* (any person saved as a Contacts favorite), or *Custom* (create a custom list from selected Contacts records).
6. Blocking will be in—or go into—effect for the designated period, covering the specified features, and with the selected exceptions. When you're ready to turn blocking off, perform Steps 1–2 and disable Blocking mode.



A Blocking Mode Shortcut

You can also disable Blocking mode by opening the Notification panel and then tapping its notification entry or its Quick Setting button. (If the button isn't one of the primary buttons, tap the Grid View icon to access it.)



Safety Assistance Settings

When enabled, Safety Assistance settings provide a way for you to secretly summon help in an emergency situation—other than or in addition to placing a 911 call. After specifying 1–4 primary contacts, you quickly press the Power button three times to send them a text message that requests help and includes a URL to Google maps that shows your location. Pictures from both cameras and a sound recording can also be transmitted. (Note that this feature is best for temporary, short-term use due to its high battery consumption.)

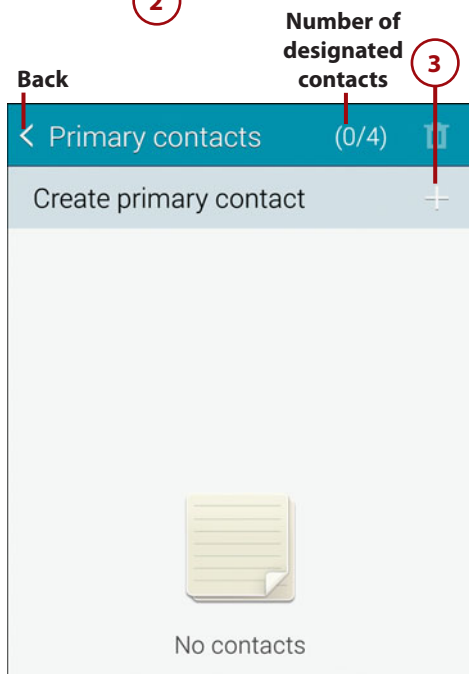
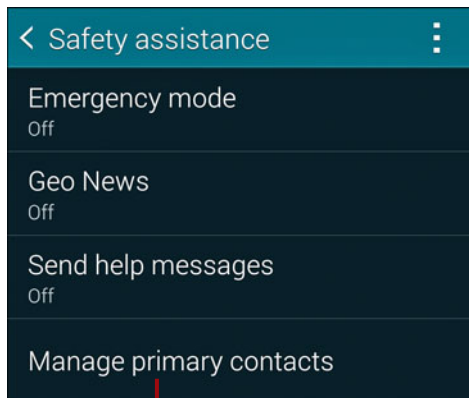
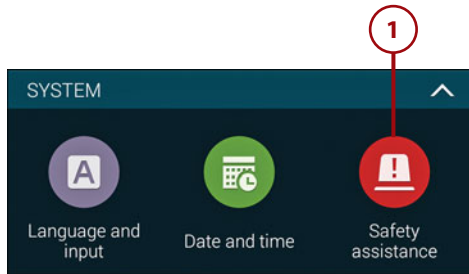
Plan Ahead

Before designating someone as a primary contact, it's a good idea to inform them, describe what will happen if you use the phone to request assistance, and discuss what they should do in response.

1. Open Settings and tap the Safety Assistance icon (in the System section).
2. If you haven't designated at least one primary contact, tap Manage Primary Contacts; otherwise, go to Step 4.
3. Tap the plus (+) icon. Tap Create New Contact or Select from Contacts and then create or select an emergency contact. If desired, continue creating or specifying contacts up to the maximum of four. Press the Back key or tap the Back icon to return to the Safety Assistance screen.

Check the Phone Number

Be sure to examine the phone number of each primary contact to ensure it's the correct one. To be of use, the recipient's phone needs to be able to receive text and multimedia messages. To change the number, tap the person's entry on the Primary Contacts screen, edit the number, and tap Save.

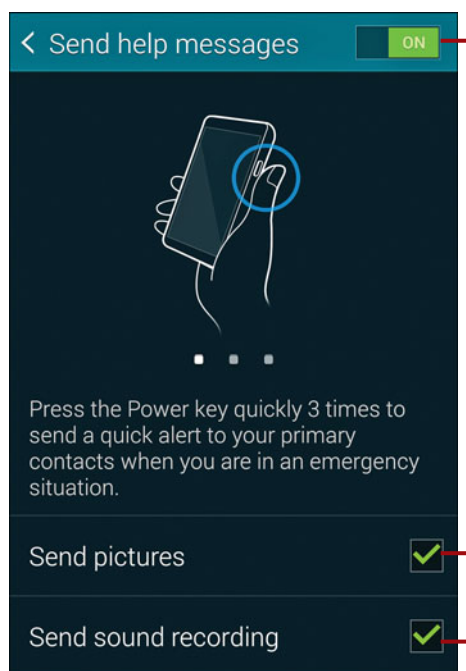
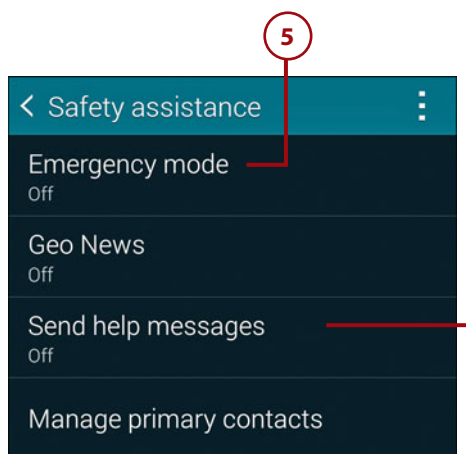


4. When you think you might be entering or are already in a dangerous situation, tap Send Help Messages. Drag the slider to the On position, set options, and then press the Back key or tap the Back icon.
5. *Optional:* Enable Emergency mode (a special power-conserving mode) by tapping its text and moving its slider to On.
6. While Send Help Messages is On, you can request assistance and execute the options selected in Step 4 by quickly pressing the Power key three times in a row.

Clearing Emergency Declared Mode and Send Help Messages

After you request emergency assistance and determine that you're safe, clear the Emergency Declared mode by tapping its entry in the Notification panel. Then return to the Safety Assistance screen and disable Send Help Messages.

You should disable Send Help Messages as soon as it's convenient in order to avoid unnecessary battery drain.



>>>Go Further

REVIEW THE ACCESSIBILITY SETTINGS

Although the Accessibility settings (in the Personalization section) are designed to assist people with visual, hearing, or dexterity deficits, several are worth exploring by everyone. Here are some that you might want to consider:

- *Vision, Font Size.* Increase or decrease the standard font size used by the operating system and apps.
- *Hearing, Sound Balance.* When listening to media while wearing earphones, you can adjust the left/right balance.
- *Hearing, Mono Audio.* Convert stereo sound to mono when using a single earpiece to listen to media, such as a typical Bluetooth headset.
- *Dexterity and Interaction, Press and Hold Delay.* If the S5 is interpreting some of your taps as long-presses, you can lengthen the press and hold delay.

Index

Symbols

= (equal sign), 52
1/2 key, 65
1-Click ordering, 373
2/2 key, 65
2G/3G/4G connection
method, 40, 41
3-way calling, 144-145
911 calls, 123, 138-140

A

AAC codec, 415
accelerometer, 6
Accessibility settings, 15,
125, 237
account classes, 554
account folders, 301
accounts
 ActiveSync. *See*
 ActiveSync accounts
 Calendar, 201-203, 205
 Dropbox, 19, 37-39
 Exchange Server, 260,
 267, 549-550
 Gmail. *See* Gmail
 accounts
 Google. *See* Google
 accounts
 Hotmail, 201, 262-263,
 550-551
 IMAP, 259, 262,
 264-265, 302
 Live, 550-551
 Microsoft Exchange
 Server, 260, 267,
 549-550
 PayPal, 544, 577
 POP3, 259, 262, 264,
 265, 302, 550
 Samsung, 18, 34-36
 synchronizing, 549-560
 AccuWeather widget, 405
active call indicator, 153
ActiveSync accounts
 adding accounts, 560
 deleting email from,
 265
 marking important
 messages in, 302-303
 performing manual
 sync for, 558
 setting sync options
 for, 554-555
 and web-based email,
 550
Adapt Sound settings,
162-163, 437
Add Account screen, 560
Add Call icon, 144
Add Subject command,
317
address book. *See*
 Contacts app
Address Book (Mac), 193,
195, 551-552
address box, 230, 232, 235
addresses (web)
 for bookmarked pages,
 233
 editing, 246
 saving, 233
 searching for, 235
 typing, 230-231
Adult Swim, 479-480
Agenda view, 211-212, 215
AIM, 345
Air Browse setting, 108,
237
Air View setting, 108
Airplane mode, 155,
157-158
alarm tone, 120, 436
alarms, 108, 120, 156, 160,
220, 395. *See also* alerts;
reminders
Album Art Grabber, 432
album covers, 418, 432
Album view, 466-467,
531-532
albums. *See also* music
 adding to playlists, 424
 deleting, 435
 downloading cover art
 for, 432
 marking favorite songs
 in, 431
 viewing cover for, 418
alerts. *See also* alarms;
reminders
 call, 160
 data usage, 614
 emergency, 341
Alphabetical Order view, 99
Amazon Appstore, 368-378
 1-Click ordering, 373
 allowing notifications
 from, 377

- allowing usage data collection by, 377
- as alternative to Google Play, 349, 368
- customizing, 376-377
- downloading apps from, 372-375
- installing app for, 369-371
- linking Amazon account to, 371
- purchasing apps from, 374
- searching for apps in, 373
- updating apps from, 389
- using gift cards/promo codes for, 378
- viewing apps downloaded from, 378
- Amazon.com, 369, 371, 619
- ambient light sensor, 6, 8
- Android Beam, 543
- Android File Transfer, 520, 525, 527
- Android operating system
 - accessing services, 17
 - customizing, 11
 - filing system, 529, 538
 - interface, 9, 49. *See also* TouchWiz interface
 - purpose of, 9
 - updating, 3, 9
 - version, 6, 9
 - widget shortcuts, 92-93
- Answering and Ending Calls setting, 159
- anti-shake setting, 449
- antivirus apps, 583
- Antivirus Security Free, 583
- App Info screen, 99
- app launcher, 393-395
- app permissions, 364, 375, 584
- app shortcuts. *See* shortcuts
- Apple
 - AAC codec, 415
 - iTunes issues, 432
 - Macintosh. *See* Macintosh
- Application Manager, 381-382
- applications, 349. *See also* apps
- appointments, 508, 511, 514. *See also* events
- apps, 349-401. *See also specific apps*
 - accessing frequently used, 393-394
 - accessing settings for, 103
 - adding, 55
 - blocking harmful, 369
 - carrier software differences, 3
 - creating accounts for, 18
 - creating folders for, 100-101
 - creating Home Screen shortcuts for, 379-380
 - defined, 349
 - designating default, 391-392
 - designating private items, 582
 - disabling, 99, 380-381, 385-386
 - displaying active, 57
 - displaying recently run, 57
 - downloading/installing, 362-378
 - from Amazon Appstore, 369-378
 - from Google Play, 362-368
 - exiting/quitting, 58-59, 355, 361
 - free versus paid, 364, 374
 - GPS-enabled, 610
 - hiding, 386-387
 - launching, 61, 75, 101, 350-353, 506
 - learning to use, 2
 - managing installed, 379-395
 - managing memory for, 601-603
 - moving to memory card, 390
 - multitasking, 153
 - navigating within, 356
 - opening menus in, 354
 - organizing, 100
 - permissions for, 364, 375, 584
 - preinstalled, 381
 - printing from, 45-47
 - purchasing, 364-365, 369, 374
 - removing, 55
 - restoring uninstalled/disabled, 387-388
 - returning to Home screen from, 355
 - running multiple, 356-360
 - searching for, 368
 - sharing, 378
 - sources of, 349
 - special/noteworthy, 395-401
 - stopping, 57, 612
 - uninstalling, 99, 380-385, 389
 - updating, 3, 366-367, 388-389
 - using hardware keys when running, 354
 - viewing, 97-100
- Apps icon, 88, 98
- Apps menu
 - disabling apps with, 385-386
 - hiding apps with, 386-387
 - uninstalling apps with, 383-385
- Apps shortcut, 56
- Apps view, 97-102
- Appstore. *See* Amazon Appstore
- area codes, 128
- AT&T
 - and Bluetooth tethering, 595
 - Galaxy S5 phone, 3
 - Tethering/Wi-Fi Hotspot settings, 588, 593
 - usage app, 612
- attachments
 - to email. *See* email attachments
 - to multimedia messages, 319-322, 329
 - to text messages, 319-322
- audio chat apps, 346
- audio clips, 319-320
- audio quality, 24, 162, 494
- Audio Zoom setting, 498
- Auto Combination setting, 337
- Auto Fill Forms setting, 253
- Auto Retrieve setting, 338
- Auto shooting mode, 453
- Auto Spacing setting, 67
- Auto Sync Data setting, 616
- automated answering systems, 146
- AutoPlay dialog box, 592
- auto-rejected calls, icon for, 134
- auto-rotate feature, 67
- Auto-Update command, 388
- AVG Mobile Technologies, 583

B

Back key
 displaying hidden, 354
 drawback to using, 356
 location on phone, 6
 navigating web pages with, 240
 purpose of, 8, 57
 ways of using, 58-59

background, Home screen, 51, 82-85

background color, folder, 102

background data, 616

Background Style setting, 336

backing up
 to cloud, 395
 contact records, 189-195, 196
 files, 395
 to memory card, 191-192
 photos/videos, 39

battery
 charging, 12, 609
 conserving, 13, 603-612
 and GPS-enabled apps, 610
 viewing usage, 610-611

battery usage indicator, 610-611

Bcc (Blind Carbon Copy) field, 288-289

Beam, Android, 543

Beauty Face mode, 443, 453

Best Face mode, 455

Best Photo mode, 455

Bit Rate options, 494

Blackberry phones, 20

Blind Carbon Copy (Bcc) field, 288-289

Block Background Data check box, 604

Block Unknown Senders setting, 342

blocking
 caller ID information, 143
 harmful apps, 369
 notifications, 120-122
 text messages, 616

Blocking mode, 120-122

Bloomberg, 400

Bluetooth
 and battery usage, 608
 configuring phone for use with, 161

destination folder preferences, 534-535
 enabling/disabling, 60, 152
 exchanging data via, 40
 file/data transfers, 529-535, 545-546
 headsets, 24-27
 listening to videos via, 487
 and Music app, 437
 pairing procedures, 545-546
 sharing photos via, 462
 tethering, 594-595
 version, 6

Book shortcut, 92

bookmark folders, 246-249

Bookmark shortcut, 89, 92

bookmarks, 242-250
 creating, 242-245, 256
 creating new window from, 239
 deleting, 249-250, 256
 display options, 233
 editing, 245-246, 256
 organizing, 246-249
 purpose of, 242
 reordering, 233
 visiting, 232-233

Bookmarks icon, 232

Brightness setting, 252, 608

browsers, 227-257. *See also*
 Chrome; Internet app
 changing default, 229, 254
 configuring, 252-253
 launching, 228-229
 opening multiple windows with, 239-240
 refreshing pages with, 239-240
 shipped with Galaxy S5, 227
 switching between, 227
 tabbed interface of, 239
 viewing pages with, 236-242
 visiting pages with, 230-235
 working with bookmarks, 242-250

Bubble Style setting, 336

Burst Shots setting, 449

business security solution, 583

Businessweek, 400

C

Calculator app, 395, 507

Calendar app, 201-224
 adding accounts, 201-203, 205
 controlling with voice commands, 508
 creating events/tasks in, 203-211, 508
 deleting events/tasks in, 218-219
 editing events/tasks in, 218-219
 filtering events/tasks in, 215
 purpose of, 201
 responding to reminders in, 219-221
 searching for events/tasks in, 215-216
 setting preferences for, 221-224
 setting reminders in, 208
 synchronizing data in, 201, 224, 549-550
 using multiple calendars in, 205
 viewing calendar, 211-217

calendar events. *See* events

Calendar widgets, 205, 217

Call Accessories setting, 161

Call Alerts settings, 160

call forwarding, 150

Call icon, 158

call logs, 133-137
 deleting entries in, 136-137
 dialing from, 133-134
 icons used in, 134
 viewing, 133
 ways of using, 135-136

Call Notification Pop-ups setting, 159

call progress icon, 153

Call Rejection setting, 159

Call settings, 158-163

call sound, personalizing, 150, 162-163

call waiting, 149

caller ID information, blocking, 143

calls, 127-163
 accepting, 148
 dialing, 127-146. *See also*
 dialing calls

- ending, 130, 148, 152
- forwarding, 150
- free versus paid, 617
- ignoring, 147
- improving audio quality for, 162-163
- in-call options, 150-153
- international, 128-129, 146, 617
- receiving, 146-150
- redialing, 133
- rejecting, 147
- returning, 133
- running other apps during, 153
- sending to voicemail, 135
- setting default ringtone for, 112
- three-way, 144-145
- viewing, 133
- Wi-Fi versus cellular, 40-41, 146
- Camera app
 - Help information, 452
 - launching, 442
 - recording videos with, 496-499
 - reviewing photos in, 444
 - Settings palette, 497-498
- camera settings, 446-455
 - configuring/using shortcuts, 446-448
 - resetting to defaults, 452
 - selecting shooting mode, 452-455
 - using Settings palette, 448-452
- Camera Shortcut option, 574
- cameras
 - front-facing, 6, 8, 442-443
 - rear-facing, 6, 8, 444-446
- capitalization, 66, 72
- capturing screens, 58
- Car mode, 506
- Carbon Copy (Cc) field, 288-289
- cell phones, 3. *See also* smart-phones
- cellular network, transmitting data via, 39-40
- Chapter Preview command, 487
- character preview, 69
- charging battery, 12, 609
- chat programs, 309, 345-346, 501
- ChatON, 345, 487
- Chrome, 254-257
 - as alternative to Internet app, 227, 254
 - creating bookmark shortcuts with, 89
 - default search engine for, 255
 - icon for, 56
 - launching, 254
 - opening multiple pages in, 255
 - setting as default browser, 254
 - and Verizon, 228
 - viewing recently viewed pages in, 257
 - working with bookmarks in, 255-256
- Cinemax, 478
- Clear All icon, 57
- Clear icon, 77
- Clipboard, 70, 72, 328, 329, 464
- Clock app, 220, 395
- Clock Size option, 574
- close captioning, 487. *See also* subtitles
- cloud apps, 395
- cloud storage, 37
- collages, 468
- color, folder background, 102
- command icons, 73
- Complete Action Using dialog box, 84, 229, 254
- composing
 - email messages, 287-297
 - multimedia messages, 319-322
 - text messages, 310-319
- computer
 - charging phone battery with, 12
 - copying songs from, 432
 - creating Gmail account via, 29
 - pairing phone with, 529
 - smartphone as, 2, 10
 - synchronizing data
 - between phone and, 549-560
 - tethering phone and, 592-595
 - using phone as wireless modem for, 587
- conference calls, 144-145
- configuring. *See also* settings
 - call settings, 158-163
 - email accounts, 267-279
 - Gmail app, 305-307
 - Google/Voice Search, 515-516
 - GPS (Global Positioning System), 412-413
 - Internet app, 252-253
 - Messages app, 335-343
 - Power Saving mode, 603-605
 - S Voice, 509-510
 - Ultra Power Saving mode, 606-607
 - Wi-Fi, 14-15
- connection methods, 39-43
 - connecting to wireless network, 41-43
 - manually setting, 39-40
- connection speed, 591
- conserving battery, 603-612
 - manual approaches to, 608-609
 - with Power Saving mode, 603-605
 - with Ultra Power Saving mode, 606-607
- contact groups, 183-189
 - assigning contact records to, 171
 - assigning ringtones to, 116-117, 171
 - changing memberships in, 185
 - creating, 183-184
 - defined, 183
 - deleting, 188-189
 - purpose of, 171
 - removing members from, 185
 - reordering, 188
 - sending email/text to, 186-187, 314, 317
 - viewing members in, 184
- contact records. *See also* Contacts app
 - adding photos to, 173-175
 - assigning ringtones to, 114-115, 118
 - backing up/restoring, 189-195
 - creating, 129, 168-172

- deleting, 182
 - developing sync strategy for, 549-553
 - dialing calls from, 130-132
 - dialing calls without, 128-130
 - displaying list of, 167
 - editing, 177-182
 - for emergency contacts, 124
 - inserting in email messages, 294, 296-297
 - inserting pause/wait commands in, 146
 - linking/unlinking, 179-180
 - marking as favorites, 166-167, 180-181
 - restoring from backups, 193-195
 - searching, 74-75
 - setting defaults for, 178
 - setting display options for, 197-199
 - sorting, 199
 - storing, 169
 - viewing, 135, 175-176
- Contact shortcut, 92
- Contacts app, 165-199. *See also* contact records
- adding accounts to, 168
 - adding photos to contact records in, 173-175
 - backing up/restoring contact data in, 193-195
 - creating contact records in, 168-172
 - deleting contact records in, 182
 - developing sync strategy for, 549-553
 - dialing calls with, 128, 132
 - editing contact records in, 177-182
 - finding names in, for text messages, 312
 - interface, 166-167
 - launching, 168
 - linking/unlinking contacts in, 179-180
 - making calls from, 166
 - marking favorite contacts in, 166-167, 180-181
 - purpose of, 165
 - setting display options for, 197-199
 - synchronizing data, 549-550, 552
 - and Verizon versus non-Verizon phones, 165-166
 - viewing contacts in, 175-176
 - working with contact groups in, 183-189
- Contacts shortcut, 56
- Contacts tab, 167
- Content Filtering setting, 367
- content-transfer program, 20
- contextual menus, 63, 355
- conversation view, 280-282, 299
- conversations, messaging, 323-330
- changing appearance of, 336
 - continuing, 324-325
 - default length for, 324
 - defined, 309
 - deleting, 327, 339
 - displaying list of, 311
 - group versus normal, 314
 - managing, 323-330
 - reviewing, 326
 - searching for text in, 330
 - ways of starting, 316-317
- conversations list
- accessing Settings screen via, 335
 - continuing conversation for entry in, 311
 - creating new message for someone in, 324
 - deleting conversations in, 327
 - designating priority senders in, 331-332
 - disabling priority senders in, 334
 - marking spam messages in, 342
 - opening draft messages in, 314
 - reviewing conversations in, 326
 - starting conversation with someone not in, 311
- cookies, 241, 252-253, 257
- copying
- files, manually over USB, 525-529
 - files, with Samsung Kies 3, 522
 - message text, 329
 - photos to Clipboard, 464
 - songs from computer to phone, 432
 - text from web pages, 74
- copy-protected songs, 415
- country codes, 128-129
- cover art, album, 418, 432
- Cover Art Downloader, 432
- Cover Art Grabber, 432
- cover release, 7
- Crop tool, 470
- cropping photos, 464
- currency conversions, 507
- customizing. *See also* settings
- Amazon Appstore, 376-377
 - Calendar app, 221-224
 - call sound, 162-163
 - Camera app, 443
 - Camera toolbar, 443, 445
 - Google Play, 366-367
 - Home screen, 51, 54-55, 81-97
 - Messages app, 335-343
 - Multi Window display, 359-360
 - Quick Setting buttons, 104-106
 - Quick Settings, 106-107
- ## D
- data
- backing up. *See* backing up
 - synchronizing, 253, 519, 549-550, 552
 - transmitting via cellular network, 39-40
- data connection methods, 39-43
- connecting to wireless network, 41-43
 - manually setting, 39-40
- data limits, 39, 41, 615
- Data Roaming setting, 616
- data transmissions, controlling, 39
- data usage
- checking, 41, 612-613
 - for hotspot/tethering, 591
 - managing, 613-617
- Data Usage Cycle setting, 615

- Data Usage setting, 41, 591, 613-616
- databases, music, 432
- Day view, 211, 214
- deaf, configuring settings for, 161
- Decoration button, 473
- default
 - apps, 391-392
 - browser, 249, 254
 - camera settings, 452
 - contact record settings, 178
 - conversation length, 324
 - language, 44, 68
 - messaging app, 336, 345
 - ringtones, 112
 - search engine, 255
- Default Applications settings, 391-392
- Delay Message Sending setting, 343
- Delete Email from Server option, 265
- Delete Old Messages setting, 339
- deleting
 - apps, 55, 57
 - bookmarks, 249-250, 256
 - calendar events/tasks, 218-219
 - contact groups, 188-189
 - contact records, 182
 - conversations, 327, 339
 - email accounts, 277
 - events, 508
 - Home screen page, 87
 - messages, 328, 339
 - phone log entries, 135-136
 - phone number/digit, 129
 - photos, 463
 - playlists, 428
 - songs, 432-435
 - tasks, 508
 - text, 72
 - videos, 486, 487
- Delivery Reports setting, 337
- Desktop view, 252
- Detect Text command, 464
- device drivers, 232
- Device Name dialog box, 540
- Device Options dialog box, 13-14
- Device Storage, 530, 538
- dialing calls, 127-146
 - for automated answering systems, 146
 - from call logs, 133-134
 - with contact records, 128-130, 132
 - editing dialed numbers, 129
 - from email message links, 137
 - for emergencies, 138-140
 - by name, 131
 - with Phone app's keypad, 128-131
 - quick-dialing techniques, 138
 - with speed dialing, 140-143
 - from text message links, 136-137
 - with voice commands, 138
 - without contact records, 130-131
- dialing prefixes, 128. *See also* country codes
- dialog boxes, exiting, 59
- Dictionary command, 290
- Digital Network Living Alliance, 544
- digital zoom, 444
- dimmed display, 21
- Direct Call setting, 108
- Direct Dial shortcut, 92
- Direct Message widget, 92, 331
- directions, 93, 403, 405-411. *See also* Google Maps
- Directions shortcut, 93
- Dismiss (X) icon, 77, 221
- displays
 - restoring dark, 21
 - setting timeout interval for, 21-22
- DNLA appliances, 544
- Documents folder, 534
- double-tapping, 62, 237
- doubleTwist, 432, 529
- Download Booster feature, 40, 617
- Download folder, 284, 530
- Download History option, 232
- Download view, 466
- downloadable manual, 2-3
- downloading
 - album cover art, 432
 - apps, 349, 362-378
 - from Amazon Appstore, 368-378
 - from Google Play, 362-368
 - app/system updates, 3, 367
 - Camera modes, 454
 - chat programs, 345
 - content-transfer program, 20
 - device drivers, 232
 - Dropbox app, 37
 - ebooks, 362
 - movies, 362
 - music, 362
 - Pandora, 437
 - PC/Mac applications, 232
 - speeding up, 617
 - USB drivers, 592
- draft text messages, 314
- dragging, 52, 62
- Drama Shot mode, 455
- Drawer icon, 355, 382
- driving directions, 93, 403, 405-411. *See also* Google Maps
- Dropbox
 - creating account on, 37-39
 - downloading app for, 37
 - free storage space on, 19
 - instructions/tutorials, 37
 - purpose of, 19, 37
 - uploading photos to, 462
 - website, 37
- Dropbox Folder shortcut, 93
- Dual Camera mode, 453
- Dual Clock option, 574
- duplicating letters, in Swype, 66
- DVD Ripper, 487. *See also* DVDFab
- DVDFab, 487-495
 - extracting video from DVDs with, 488-495
 - previewing DVDs with, 491
 - purpose of, 487-488
 - versions, 488
- DVDs
 - episodic, 490
 - extracting video content from, 487-495
 - previewing, 491
- DVD-to-mobile conversion utility, 487-488
- DVR, using phone to control, 597-598

E

- e911 feature, 138-140
- earphones, 125, 162-163, 436-437
- earpiece/receiver, 7
- Easy Mode, 9, 53-55
- EasyGo headset, 24-27
- ebooks, 362
- Edit mode, 99-100
- editing
 - bookmarks, 245-246, 256
 - calendar events/tasks, 218-219
 - contact records, 177-182
 - dialed numbers, 129
 - email messages, 293
 - photos
 - with *Gallery app*, 457-465, 468
 - with *Photo Studio*, 468-474
 - text, 72-74
 - videos, 457, 487
 - web addresses, 246
- Effect button, 472
- effects, photo/video, 449, 499
- email, 259-307. *See also* Email app; Gmail accounts
 - accessing web from link in, 228
 - assigning ringtone for new, 118
 - attachments. *See* email attachments
 - changing read status for, 301-302
 - checking for new, 278, 609
 - creating messages, 288-291
 - deleting, 297-299
 - designating Priority Senders of, 284-287
 - developing sync strategy for, 549-553
 - editing, 293
 - formatting, 74, 276, 290-291
 - forwarding, 293
 - marking important, 302-303
 - message links, dialing calls from, 136-137
 - moving, 299-300
 - protocols, 262, 264
 - reading, 279-287
 - replying to, 292
 - transferring files via, 535-538
 - view options, 280-282
- Email app, 259-304
 - adding accounts to, 260-267
 - changing message read status in, 301-302
 - composing/sending mail in, 287-297
 - configuring accounts for, 267-279
 - creating account subfolders in, 301
 - creating new messages in, 288-291
 - deleting accounts in, 277
 - deleting messages in, 297-299
 - designating Priority Senders in, 284-287
 - formatting messages in, 74, 290-291
 - forwarding messages in, 293
 - launching, 278-279
 - managing spam in, 303-304
 - marking important messages in, 302-303
 - message size limits, 294
 - moving messages in, 299-300
 - and Multi Window feature, 356
 - reading mail in, 279-287
 - replying to messages in, 292
 - retrieving mail in, 278-279
 - sending photos via, 535
 - sync settings for, 274-276
 - web-based accounts supported by, 259
- email attachments
 - adding, 295-297
 - opening/viewing, 283-284, 294
 - saving, 283
 - sending images as, 462, 535-537
 - sending songs as, 537-538
 - size limit for, 294
- embedding links in text messages, 318
- Emergency Alerts app, 341
- emergency calling, 138-140. *See also* 911 calls
- emergency contacts, 124
- Emergency Dialer screen, 139
- Emergency mode, 124
- emoticons, 70, 317-318
- encoding method, video, 493
- encryption, 161
- End Call icon, 130, 152
- End User License Agreement, 16
- Enhanced 911 feature, 138-140
- entering text, 64-72
 - changing input method for, 67, 70
 - with onscreen keyboard, 64-66
 - with voice input, 70-72
- episodic DVDs, 490
- equal sign (=), 52
- Eraser mode, 455
- Eraser tool, 473
- etiquette, texting, 344
- EULA, 16
- events. *See also* Calendar app
 - assigning ringtones to, 118
 - creating, 204-209, 508
 - defined, 203
 - deleting, 218-219
 - developing sync strategy for, 201-203, 549-553
 - dismissing reminders for, 221
 - editing, 218, 219
 - filtering, 215
 - hiding declined, 222
 - inserting in email messages, 294, 296-297
 - managing, 218-219
 - repeating, 208, 219
 - rescheduling, 218
 - searching for, 215-216
 - sending Quick Responses for, 224
 - setting reminders for, 207
 - viewing, 211-217, 508
- Exchange Server accounts, 260, 267, 549-550
- Exit command, 361
- exiting
 - apps, 58-59, 355, 361
 - dialog boxes, 59
- Exposure Value setting, 451
- extended Home screen, 52

F

- Face Detection setting, 449
- Facebook, 345, 462, 487, 510
- fast-forwarding
 - music playback, 418
 - video playback, 483
- Favorite Tracks playlist, 431
- favorites
 - contact records, 166-167, 180-181
 - email messages, 302
 - songs, 431
- files
 - backing up, 395
 - cloud storage of, 37
 - displaying contents of, 353
 - hiding, 580, 582
 - sharing, 37
 - sorting, 523, 524
 - storage location for, 528-530, 538
 - transferring
 - between phones*, 539-544
 - with S Beam*, 542-543
 - via Bluetooth*, 529-535
 - via email*, 535-538
 - via USB*, 520-529
- file-transfer programs, 520, 525, 529
- Filter By option, 466
- Find on Page command, 252
- finding. *See also* searching
 - contact name, for text messages, 312
 - lost/misplaced phone, 583
 - phone model number, 592
 - wireless networks, 15, 41
- findmymobile.samsung.com, 583
- Finger Scanner option, 544
- Fingerprint Manager, 576
- fingerprint scanner, 6, 567-569, 576, 579-580
- Firefox, 29, 230
- fitness app, 398-400
- flagging messages, 302-303
- flash, 7-8, 499
- flash drives, 525, 552
- Flash setting, 447, 450, 499
- flicking, 61
- Flipboard app, 85, 88, 395-396, 462
- floating keyboard, 70
- focal point, 498
- focus settings, 449
- folders
 - for apps, 100-102
 - for bookmarks, 246-249
 - for documents, 534
 - for downloads, 284, 530
 - for email accounts, 301
 - for files sent via Bluetooth, 534-535
 - for images, 466
 - for music, 538
 - for personal/private items, 580, 582
 - for shortcuts, 93-95
- font size, 125, 336
- Force Stop button, 612
- Forget Network command, 43
- formatting text, in email messages, 74, 276, 290-291
- Forward key, 240
- forwarding
 - calls, 150
 - email messages, 293
 - multimedia messages, 329
 - text messages, 329
- free minutes, 617
- front-facing camera, 8, 442-443
- full-screen immersion mode, 230

G

- Gallery app
 - creating slideshows in, 474-475
 - editing photos in, 457-465
 - emailing photos from, 535-537
 - hiding files for, 580
 - image-editing tool, 468
 - launching, 458
 - and Multi Window feature, 356
 - reviewing photos in, 444, 456-457
 - sending photos via, 543
- Gallery views, 466
- games, 400, 596
- gesture sensor, 6, 8
- gestures, controlling phone with, 64, 107-108
- Gift Cards & Promos button, 378
- Gmail accounts, 29-33
 - and Calendar app, 201, 209
 - choosing username/password for, 30
 - creating, 14, 17, 29-30
 - registering, 17, 30-33
 - reminders, 207
 - signing in to, 17
 - sync strategy for, 201, 550-551
 - unlocking screen via, 580
- Gmail app, 304-307
- Google
 - Accounts. *See* Google accounts
 - apps, 58
 - email service, 29. *See also* Gmail accounts
 - launching, 355
 - operating system, 29. *See also* Android operating system
- Google+, 396, 462, 487
- Google accounts
 - calendar for, 201
 - creating, 14, 17, 29-30
 - registering, 17, 30-33
 - reminders, 207
 - signing in to, 17
 - sync strategy for, 201, 550-551
 - unlocking screen via, 580
- Google Chrome. *See* Chrome

Google Contacts
 importing contacts to, 195-197
 merging Contacts data with, 190-191

Google Maps, 405-411
 changing magnification in, 411
 launching, 407
 searching for businesses in, 409
 setting trips within, 408-411
 ways of using, 405

Google Now
 enabling/disabling, 78, 516
 launching, 58, 355
 purpose of, 396-397
 and Voice Search, 512

Google Play
 buying songs from, 416
 customizing, 366-367
 downloading apps from, 349, 362-368
 purchasing apps from, 364-365
 searching for chat programs on, 345, 501
 setting up payment info for, 33
 uninstalling apps with, 382-383, 389
 website, 368

Google Search widget, 78-79

Google Settings app, 397

Google Wallet, 364

Google/Voice Search. *See* Voice Search

GPS (Global Positioning System), 403-413
 and 911 calls, 138, 140
 and battery usage, 608, 610
 configuring, 412-413
 enabling/disabling, 60, 404-405, 610
 getting directions with, 405-411
 how it works, 403

Grayscale mode, 604

grid icon, 60

Grid view, 11, 103, 181, 426

Grid View icon, 356

group conversations, 314, 317, 338

Group Play app, 436

groups. *See* contact groups

Groups icon, 183

guidelines, 451, 500

H

Hangouts app, 344, 397

hardware, 6-8
 key components, 7-8
 specifications, 6

hardware keys, 8, 57-59, 350, 354

HBO Go, 478, 596

HDR mode, 449-450

HDTV adapter, 587, 596-597

headphones, 24-27

headset jack, 7, 24

headsets, 24-27

health apps, 8, 398-399

hearing aids, 161

heart rate sensor, 7-8

Help Text option, 574

hiding
 apps, 386-387
 completed tasks, 222
 declined events, 222
 files, 580
 keyboard, 59, 65
 passwords/PINs, 577
 private items, 580-583

High Dynamic Range mode, 449-450

History list
 creating bookmark from, 244-245
 creating new window from, 239
 and incognito browsing, 241
 searching, 257
 visiting web pages in, 230, 234

Home key, 6, 8, 57-58, 354

home page, setting browser, 253

Home screen
 accessing system settings from, 103
 adding apps to, 55, 379-380
 adding pages to, 88
 adding shortcuts to, 88-89, 251
 adding widgets to, 90-92, 217
 changing main page for, 86

customizing, 10, 51, 54-55, 81-97
 deleting pages from, 87
 extended, 52
 initiating messages from, 331
 launching Internet app from, 228
 main area, 51
 mode options, 53-56
 moving among pages in, 52
 organizing shortcuts on, 93-95
 page indicators, 10
 primary shortcuts, 56, 97
 purpose of, 9, 50
 rearranging pages for, 85-86
 removing apps from, 55
 removing shortcuts from, 89
 repositioning shortcuts on, 89
 returning to, 58, 355
 selecting wallpaper for, 82-85
 setting mode for, 9
 status bar, 50-51

Home screen indicator, 50, 52

Home Screen Settings, 88

Hotmail accounts, 201, 262-263, 550-551

Hotspot settings, 587-591

hotspots, 587-591
 alternate names for, 587
 connecting to, 590
 and connection speed, 591
 cost considerations, 588
 creating, 588-589
 disconnecting from, 591
 passwords for, 590
 viewing available, 616
 viewing data used for, 591

house icon, 52, 58

HTC phones, 20

Huawei phones, 20

humidity sensor, 7

I

iCal app, 552

icons
 command, 73
 communication features, 50
 on Home screen, 50-51
 notification, 51

- phone log, 134
- Quick Settings, 60
- service status, 51
- ICQ, 345
- IM usernames, 178
- image size, 471
- image-editing, using Photo Studio for, 468-474
- images. *See also* photos
 - adding to slideshows, 474-475
 - copying/pasting, 73
 - cropping, 470
 - editing, 468-474
 - inserting in email messages, 294, 296-297
 - resizing, 470-471, 536
 - rotating, 63-64, 464, 470
 - viewing linked, 274
 - zooming in/out on, 62
- Image-selection screen, 467
- IMAP accounts, 259, 262, 264-265, 302
- immersion mode, 230
- importing contacts to Google Contacts, 195-197
- in-call options, 150-153
 - for Bluetooth headsets, 27, 152
 - menu commands, 150-151
- Notification panel controls, 152
- onscreen icons, 152
- volume adjustment, 152
- In-call Status Pop-ups setting, 160
- incognito browsing, 241-242
- incoming calls. *See also* receiving calls
 - icon for, 134
 - responding to, 147-148
- indicator dots, 53
- infrared remote, 6, 587, 597-598
- infrared transmitter, 7-8
- installing
 - Amazon Appstore app, 369-371
 - apps
 - from Amazon Appstore, 369-378
 - from Google Play, 362-368
 - memory cards, 619-620

- interface
 - Android operating system, 9, 49. *See also* TouchWiz interface
 - Contacts app, 166-167
- international calls, 128-129, 146, 617
- Internet app, 227-253
 - configuring, 252-253
 - creating bookmark shortcut in, 89
 - History list, 230, 234
 - incognito browsing with, 241-242
 - launching, 228-229
 - magnification options, 237
 - menu commands, 250-252
 - and Multi Window feature, 356
 - opening multiple windows with, 239-240
 - privacy settings, 253
 - refreshing pages with, 239-240
 - searching for site/page with, 235
 - and Verizon Galaxy S5, 228
 - viewing pages with, 236-242
 - viewing/modifying settings for, 252
 - visiting pages with, 230-235
 - working with bookmarks, 242-250
- Internet Explorer, 29, 230, 232
- Internet icon, 228
- Internet shortcut, 56
- iPad, 432
- iPhone, 20, 345, 432
- iPhoto, 526
- iPod, 432
- IR (infrared) remote, 6
- ISO setting, 449
- iTunes, 20, 415, 432, 538

J-K

- Jabra EasyGo headset, 24-27
- Jaksta Media Recorder, 481
- junk mail, 273, 303. *See also* spam
- keyboard
 - hiding/showing, 59, 65
 - rotating, 67
 - typing tips, 67-70

- Keypad icon, 152
- Keypad tab, 128-129, 131, 166
- keys, hardware, 8, 57-59, 350, 354
- Kids Mode, 56
- Kies 3, 520-529
 - adding files/folders to library in, 521, 524-525
 - copying files with, 522-523
 - purpose of, 520
 - selecting items in, 524
 - setting up, 520-522
 - sync capabilities, 529
 - uninstalling, 520, 525
- KitKat, 6, 9. *See also* Android operating system
- KNOX 2, 583

L

- landline phones, texting to, 318
- landscape mode, 63, 67, 236, 444, 460
- language
 - changing default, 44, 68
 - for text input, 67
 - for voice input, 72
- Language and Input settings, 44, 68
- launching apps
 - with Recent Apps key, 57
 - by tapping app icon in folder, 101
 - by tapping touchscreen, 61
- Camera app, 442
- Chrome, 254
- Contacts app, 168
- Email app, 278-279
- Gmail app, 304
- Google apps, 58
- Internet app, 228-229
- Music app, 418
- LED status/indicator light, 6, 8
- letters, duplicating in Swype, 66
- LG phones, 20
- Limit Mobile Data Usage check box, 614
- Link Contacts command, 179
- LinkedIn Premium, 400

links

- dialing calls from, 136-137
- in email messages, 228
- following, 231-232
- mailto:, 353
- in text messages, 318
- List view, 11, 103, 181, 426
- lists, selecting items in, 63
- Live accounts, 550-551
- live wallpaper, 83
- Location Settings screen, 405, 413
- Location Tags setting, 451
- location-based services, 403, 405, 413. *See also* GPS (Global Positioning System)
- Lock Automatically option, 574-575
- Lock command, 329
- lock password, 571-572
- lock pattern, 565-567, 575, 578
- lock screen, 563-580
 - added security measures, 21, 583-584
 - customizing wallpaper for, 563
 - purpose of, 563
 - securing, 563-577
 - unlocking, 577-580
- Lock Time Zone option, 223
- logs, 133-136
 - deleting entries in, 135-136
 - dialing calls from, 133-134
 - icons used in, 134
 - viewing, 133
 - ways of using, 135-136
- Logs tab, 133, 166
- long-pressing, 61, 63
- Low Battery indicator, 610-611
- Lumen Toolbar, 232, 234

M

- Macintosh. *See also* computer and Bluetooth tethering, 594-595
- changing destination folder for, 534-535
- creating Gmail account on, 29-30
- downloading applications for, 232
- DVD-to-mobile conversion utility, 487-488

- exporting contacts from, 195-197
- file-transfer programs, 520, 525
- media organizers, 415
- pairing phone with, 545-546
- synchronizing data
 - between phone and, 549-553
- transferring files to/from, 526
- and USB, 525
- USB tethering for, 594
- video capture application, 481
- magnification, 461, 473
- Magnification Gestures setting, 237
- mail. *See* email
- mailto: links, 353
- Make Passwords Visible setting, 577
- Make Pattern Visible option, 575
- malware, 583
- managing
 - apps, 379-395
 - contact records. *See* contact records
 - conversations, 323-330
 - data usage, 613-616
 - email messages, 297-304
 - memory, 601-603
 - playlists, 426-430
 - Spam Senders List, 303-304
 - talk time, 612-617
- manual, downloadable, 2-3
- Maps app, 405-411
 - changing magnification in, 411
 - launching, 407
 - searching for businesses in, 409
 - setting trips within, 408-411
 - ways of using, 405
- Max Go, 478
- measure, units of, 507
- media device, connecting phone as, 527
- media organizers, 415
- Media Player, Windows, 415, 538
- Media Recorder, Jaksta, 481
- Memo app, 397

- memory, 6, 8, 14. *See also* memory cards
- memory cards
 - adapters for, 619
 - backing up to, 191-192
 - class specifications for, 619
 - inserting, 620
 - managing, 601-603, 612
 - moving apps to, 390
 - purpose of, 8
 - ratings/reviews for, 619
 - read/write speeds for, 619
 - restoring data from, 193-195
- Menu key, 58
- menus
 - contextual, 63, 355
 - icon for, 354
 - opening, 354-355
 - types of, 355
- Merge icon, 145
- Message Format setting, 276
- Message icon, 316
- Message Options dialog box, 329
- messages
 - email. *See* email
 - multimedia. *See* multimedia messages
 - text. *See* text messages
- Messages app, 309-346. *See also* texting
 - alternatives to, 344-346
 - composing messages
 - multimedia*, 319-322
 - text*, 310-319
 - configuring settings for, 335-343
 - deleting conversations/messages in, 327-328, 329, 339
 - designating priority senders in, 331-334
 - etiquette considerations, 344
 - managing conversations in, 323-330
 - and Multi Window feature, 356
 - purpose of, 309
 - restoring default settings for, 343
 - searching for messages in, 330
 - security options for, 343

- service-plan considerations, 344
- shortcut, 56
- Messaging+ app, 344
- messaging apps
 - changing default, 336, 345
 - purpose of, 309
 - versus chat programs, 345-346
- metadata, 451
- Metering Modes setting, 449
- Metro PCS
 - and Bluetooth tethering, 595
 - Galaxy S5 phone, 3
 - Tethering and Mobile Hotspot settings, 588, 593
 - Wi-Fi calling, 146
- MHL 2.0 HDTV adapter, 587, 596-597
- microphones, 6, 7, 152
- microSD cards, 617, 619
- microSDHC cards, 617, 619
- Microsoft Exchange
 - ActiveSync accounts. *See* ActiveSync accounts
- Microsoft Exchange Server accounts, 260, 267, 549-550
- Microsoft Office documents, 397
- Microsoft Outlook, 196, 201, 550-552
- Milk Radio app, 400
- Mini Today widget, 205, 217
- Minute Minder setting, 160
- missed calls, icon for, 134
- MMS Alert setting, 338
- MMS messages, 310, 319. *See also* multimedia messages
- Mobile Data setting, 506, 613
- Mobile Hotspot settings, 587-591, 616
- mobile hotspots, 587, 590. *See also* hotspots
- model number, phone, 592
- Month view, 211-212
- Most Played playlist, 431
- motions, controlling phone with, 64
- Motions and Gestures settings, 64, 107-108
- movies, 10, 362. *See also* DVDs; videos
- MPEG-4 videos, 488, 495, 498
- MTV News, 479
- Multi Window feature, 356-360
- multimedia messages, 319-322
 - alternatives to, 322
 - composing, 319-322
 - copying/pasting, 329
 - creating attachments for, 321-322
 - defined, 319
 - deleting, 329, 339
 - differences among carriers, 310
 - file-size considerations, 320
 - forwarding, 329
 - and group conversations, 314
 - locking, 329
 - removing items from, 320
 - settings for creation/handling of, 338
 - sharing, 329
 - sharing photos via, 463
 - translating, 329
 - transmission issues, 322
 - viewing as slideshow, 329
 - viewing message properties, 329
 - versus SMS text messages, 310
- Multimedia Messaging Service messages, 310. *See also* multimedia messages
- multi-mode key, 70
- multitasking, phone call, 153
- music. *See also* playlists; songs
 - adjusting levels in, 420-421
 - copy-protected, 415
 - databases, 432
 - downloading, 362
 - playing, 415-420
 - searching for, 417
 - sharing, 436
 - streaming, 400, 437-438, 596, 609
- Music app, 415-438
 - alternative to, 416
 - deleting songs in, 432-435
 - equalizer, 419-421
 - hiding files for, 580
 - launching, 418
 - playing songs with, 415-420
 - repeating tracks in, 420
 - returning to, 418
 - shuffle-play option, 420
 - sound quality, 436-437
 - volume control, 419
 - working with playlists in, 422-431
- Music folder, 538
- Music widget, 436
- music-management apps, 432
- Mute icon, 152
- Mute mode, 155-156
- Mute/Pause setting, 108, 484
- My Accounts list, 560
- My Calendar, 201, 205
- My Files
 - deleting songs from, 432
 - emailing songs from, 537-538
 - hiding files in, 580
- My Magazine, 51-52, 85, 88, 395-396
- My Places, 413
- My Verizon Mobile app, 612
- myAT&T app, 612

N

- name
 - dialing calls by, 131
 - finding, for text messages, 312
 - personalizing phone with, 18, 540
- navigation apps, 403. *See also* GPS (Global Positioning System)
- navigation dots, 351
- navigation instructions, 405, 407-408. *See also* Google Maps
- Near Field Communication, 542. *See also* NFC connectivity
- Nearby Devices setting, 544
- Netflix, 478
- Network Connections settings, 588-591
- network support, 6
- networks
 - cellular, 39-40
 - secure versus open, 590
 - testing connection speed for, 591
 - wireless. *See* wireless networks
- New Window command, 239
- New York Times, 400
- NewEgg.com, 619

NFC connectivity, 6, 542, 544
 Night Mode option, 238
 noise reduction, 7, 24, 161
 non-alphabetic characters, entering, 65
 Norton Security Antivirus, 583
 note-taking app, 399
 Notification bar, 50-51
 notification icons, 51
 Notification panel
 accessing system settings from, 103
 blocking notifications via, 122
 changing input method via, 70
 closing, 59
 enabling/disabling features via, 11
 enabling/disabling Power Saving mode via, 605
 in-call controls, 152
 purpose of, 51
 setting connection method via, 39, 40
 notifications
 from Amazon Appstore, 377
 for app updates, 388
 blocking, 120-122
 responding to, 51
 setting default ringtone for, 113
 settings, 340
 Notifications settings, 340
 numbers
 in account names/passwords, 30, 571
 dialing. *See* phone numbers
 entering by tapping keyboard, 65

O

One-Handed Operation feature, 109-111
 online music databases, 432
 onscreen keyboard. *See* keyboard
 ooVoo Video Call app, 346
 Open Link command, 229
 open networks, 590
 operating systems, 9. *See also* Android operating system

Optical Reader app, 397
 orientation options, 63, 67, 236
 outgoing calls. *See also* dialing calls
 blocking caller ID for, 143
 icon for, 134
 speed dialing, 140-143
 Outlook, 196, 201, 550-552
 Owner Information option, 575

P

page links. *See* links
 pages. *See* web pages
 pairing
 phone/computer, 529, 545-546
 phone/headset, 24-26
 pairing mode, 25
 Palm Swipe to Capture setting, 108
 Pandora, 437-438
 Panning Shot mode, 455
 Panorama mode, 453
 paper clip icon, 319
 parental controls, 376
 passwords
 Dropbox, 38
 email, 30
 fingerprint scanner, 577, 580
 for Google Play purchases, 367
 lock screen, 571-572, 579-580
 mobile hotspot, 590
 phone, 21
 Samsung account, 35
 showing/hiding, 577
 voicemail, 28, 153, 155
 wireless network, 42
 pasting text/images, 72-73, 329
 pattern for lock screen, 565-567, 575, 578
 Pattern Type option, 575
 pause command, 146
 Pay with Paypal setting, 544
 payment information, 33
 PayPal accounts, 544, 577
 PC. *See* Windows PC
 PDFs, 294, 353, 398
 Pen tool, 473
 permissions, 364, 375, 584
 personal ringtones, 117. *See also* ringtones
 personalizing. *See* customizing phone
 browsing web with, 227.
 See also browsers
 changing system settings, 103-125. *See also* settings
 charging battery for, 12, 609
 connecting to computer, 12
 controlling TV with, 597-598
 customizing Home screen, 81-97
 finding lost/misplaced, 583
 finding model number for, 592
 gesture control of, 64, 107-108
 inserting memory card in, 620
 installing antivirus app on, 583
 learning to use, 2-3, 9
 mirroring on HDTV, 596-597
 naming/renaming, 18, 540
 one-handed operation of, 109-111
 pairing computer with, 529, 545-546
 pairing headset with, 24-26
 placing calls with, 127-146
 playing songs on, 415-420
 powering on/off, 13-14, 609
 powering other devices with, 587-598
 receiving calls on, 146-150
 securing with lock screen, 563-577
 security techniques, 583-584
 setting password for, 21
 silencing, 155-156
 streaming video to, 477-481
 switching from one to another, 20
 synchronizing data on, 549-560
 tethering computer and, 592-595
 transferring files to another, 539-546
 viewing/expanding storage, 617-620

Phone app

- dialing calls with, 128, 154
- launching, 154, 156
- and S Voice, 509
- switching between
 - Contacts app and, 166
- phone calls. *See* calls
- Phone icon, 28
- phone log icons, 134
- phone numbers. *See also* contact records
 - adding to spam filter, 342
 - assigning speed dial number to, 141-142
 - editing dialed, 129
 - inserting pause/wait commands in, 146
 - manually dialing, 128
- Phone shortcut, 56
- phone-to-phone file transfer, 539-546
 - with Android Beam, 543
 - drawbacks to, 544
 - with S Beam, 542-543
 - with Wi-Fi Direct, 539-541
- photo collages, 468
- Photo Studio, 468-474
- photos, 441-475. *See also* images
 - adding to contact records, 173-175
 - adding to slideshows, 474-475
 - assigning categories to, 466
 - backing up, 39
 - cloud storage of, 37
 - copying to Clipboard, 464
 - cropping, 464, 470
 - deleting, 463
 - editing, 457-465, 468-474
 - embellishing, 473
 - and MHL 2.0 HDTV adapter, 596-597
 - as MMS attachments, 320
 - printing, 464
 - renaming, 464
 - resolution considerations, 448
 - reviewing, 444, 451, 456-457
 - rotating, 63-64, 464, 470
 - setting storage location for, 441
 - sharing, 37, 462-463

- shooting, 441-446
- tagging, 464
- transferring from iPhoto, 526
- using as wallpaper, 82, 85
- phrases
 - Quick Responses, 315-316, 337
 - searching for, 235, 373
 - spam, 342
- Picasa, 463
- Picture in Picture feature, 485
- Picture Size setting, 448
- Picture Stabilization setting, 449
- pinch/spread
 - how to, 62, 237
 - purpose of, 62
 - versus double tap, 62
- PINs
 - lock screen, 566, 569-570, 579
 - showing/hiding, 577
- placing calls. *See* dialing calls
- Play Music app, 416
- Play Store app, 362, 368. *See also* Google Play
- playback controls
 - Music app, 417-418, 420, 436
 - Video app, 483-485
- playlists, 422-431. *See also* Music app
 - adding songs to, 423-424
 - built-in, 431
 - changing title of, 427
 - changing track order in, 430
 - creating, 422-423
 - defined, 422
 - deleting, 428
 - managing, 426-430
 - naming, 423
 - playing songs from, 425-426
 - removing songs from, 429
 - viewing, 426
- Polaris Office 5 app, 398
- POP3 accounts, 259, 262, 264-265, 302, 550
- pop-out folder list, 459
- pop-up play, 485
- portable hotspots, 587
- Portrait button, 473
- portrait mode, 63, 236, 444, 460

- portraits, 441-443, 446, 473
- Power button, 6-7, 13, 58
- Power Key option, 575
- Power Saving icon, 604-605
- Power Saving mode, 603-607
- predictive text, 68-69
- Press and Hold Delay setting, 125
- Preview Message setting, 341
- Primary Contacts screen, 124
- primary shortcuts, Home screen, 56, 97
- print service software, 45-47
- printing, wireless, 45-47, 252
- priority senders, 284-287, 331-334, 339
- privacy settings, browser, 253
- Private folder, 580, 582
- Private mode, 580-583
- processor, 6
- program launcher, 393-395
- prorated features, 617
- proximity sensor, 6, 8
- Push Messages setting, 339

Q

- QR codes, 397
- Quick Access icons, 251
- Quick Responses, 224, 315-316, 337
- Quick Setting buttons
 - adding Power Saving icon to, 605
 - blocking notifications via, 122
 - customizing, 104-106
 - purpose of, 11, 60
 - for Toolbox, 393
 - versus Quick Settings, 104
- Quick Settings
 - customizing, 106-107
 - versus Quick Setting buttons, 104
- quick-dialing techniques, 138
- Quit command, 361

R

- RAM, 6
- Reader icon, 238
- Reader view, 238

- reading
 - avoiding timeouts when, 22
 - email, 279-287
 - web pages, 63, 238
 - rear-facing camera, 7-8, 444-446
 - rearranging
 - bookmarks, 233
 - folders, 102
 - Home screen pages, 85-86
 - primary shortcuts, 97
 - shortcuts, 89
 - receiving calls, 146-150
 - accepting/ending calls, 148
 - with call waiting, 149
 - by deactivating call forwarding, 150
 - responding to incoming calls, 147-148
 - Recent Apps key, 6, 8, 57-58, 352, 354, 602
 - Recent tab, 166
 - Recently Added playlist, 431
 - Recently Played playlist, 431
 - recommended senders, 332
 - recording
 - audio, 7, 71, 295, 320-321, 399
 - videos, 310, 446, 496-499
 - Recording Mode settings, 497
 - Red-Eye tool, 473
 - redialing calls, 133
 - redirections, web, 230
 - registering
 - Gmail account, 17, 30-33
 - Google account, 17, 30-33
 - Samsung account, 18
 - rejected calls
 - enabling/disabling, 159
 - icon for, 134
 - rejecting calls, 147, 159
 - Reload icon, 239
 - reminders
 - dismissing, 221
 - responding to, 219-221
 - setting, 207
 - remote control app, 587, 597-598
 - Remote Viewfinder setting, 451
 - Remove Red-Eye tool, 473
 - removing. *See also* deleting apps
 - from folders, 102
 - from Home screen, 55
 - folders, 102
 - members from contact groups, 185
 - shortcuts from Home screen, 89
 - songs from playlists, 429
 - speed dial entries, 142
 - Repeat icons, 420
 - repeating events
 - creating, 208
 - editing/deleting, 219
 - Reset option (Camera app), 452
 - Resize button, 471
 - resizing
 - images, 470-471, 536
 - inserted objects, 297
 - screen, 110
 - videos, 483
 - windows, 358
 - resolution
 - camera, 8, 444, 448
 - photo, 441, 448-449
 - screen, 477
 - video, 487, 492, 497
 - responding
 - to incoming calls, 147-148
 - to notifications, 51
 - to reminders, 219-221
 - to text messages, 323-325
 - restoring
 - contact records, 193-195
 - dark displays, 21
 - data from memory cards, 193-195
 - uninstalled/disabled apps, 387-388
 - Restrict Background Data setting, 616
 - Restrict Performance setting, 604
 - Review Pics/Video setting, 451
 - reviewing
 - conversations, 326
 - photos
 - in Camera app, 444
 - in Gallery app, 444, 456-457
 - videos, 451
 - Ringtone settings, 161
 - ringtones, 112-120
 - for calendar events, 118
 - for contact groups, 116-117
 - for contact records, 114-115
 - defined, 112
 - for incoming calls, 112
 - for new messages, 118
 - for notifications, 113
 - precedence of, 117
 - using sound files/songs as, 116, 119-120, 436
 - Ripper, DVD, 487. *See also* DVDFab
 - Roaming Auto Retrieve setting, 338
 - Rotate commands, 470
 - Rotate Screen setting, 67
 - rotating
 - images, 63-64, 464, 470
 - keyboard, 67
 - screen, 63-64, 67
- ## S
- S Beam, 542-543
 - S Finder, 75-76
 - S Health, 398-399
 - S Note, 294, 399-400
 - S Translator, 400
 - S Voice, 503-511
 - asking questions with, 507
 - commanding apps with, 508
 - configuring, 509-510
 - controlling phone with, 505-507
 - controlling system settings with, 506
 - getting help with, 504
 - getting navigation instructions with, 407
 - launching, 58, 504
 - opening apps with, 506
 - performing calculations with, 507, 514
 - posting to Facebook/Twitter with, 510
 - problems, 510-511
 - purpose of, 503
 - searching web with, 507
 - versus Google/Voice Search, 514-515
 - Safari, 29, 230, 232
 - Safe Mode setting, 343
 - Safely Remove Hardware icon, 593
 - Safety Assistance settings, 122-124

- Sample Rate options, 494
- Samsung
 - apps, creating accounts for, 18
 - file-transfer program. *See* Kies 3
 - Galaxy S family. *See* Galaxy S family
 - Smart Switch, 20
 - TouchWiz interface, 5, 9. *See also* TouchWiz interface
 - USB drivers, 525
- Samsung account
 - creating, 34-36
 - developing sync strategy for, 551
 - logging in via fingerprint scan, 577
 - merging Contacts data with, 190-191
 - purpose of, 34
 - registering, 18
- Samsung Apps, 349, 400
- Samsung Keyboard input, 67
- Samsung KNOX 2, 583
- Save As dialog, 474
- Save as Flipped setting, 451
- Save Attachment command, 329
- Saved Pages icon, 233
- saving
 - battery power, 603-607
 - email attachments, 283
 - text messages as drafts, 314
 - web addresses, 233
 - web pages, 233
- Schedule Message command, 318-319
- scheduling. *See also* Calendar app
 - appointments, 508
 - calendar events/tasks, 218
 - data synchronization, 553-556
 - text messages, 318-319
- screen captures, 58, 607
- screen indicators, 52-53
- Screen Rotation setting, 64, 236
- screen shots, 58, 607
- Screen Timeout dialog box, 22
- screen timeout settings, 20-22, 608
- Screen Unlock Settings screen, 580
- screens. *See also* Home screen
 - capturing image of, 58, 607
 - returning to previous, 58-59
 - rotating, 63-64
 - zooming in/out on, 62
- Screenshots folder, 58
- scrolling pages, 237
- SD cards, 619. *See also* memory cards
- search engines, 230, 235, 255
- searching. *See also* finding
 - for apps, 368, 373
 - for businesses, 409
 - for calendar events/tasks, 215-216
 - for chat programs, 345
 - contact records, 74-75
 - with Find on Page command, 252
 - with Google Search, 78-79
 - History list, 257
 - for messages, 330
 - for music, 417
 - for phrases, 235, 373
 - with S Finder, 75-76
 - for settings, 77
 - for text in conversations, 330
 - for videos, 482
 - for web addresses, 235
 - for widgets, 91
- secure networks, 590
- security. *See also* passwords and data synchronization, 559
 - enabling Private mode, 580-583
 - setting lock password, 571-573
 - setting lock PIN, 569-571
 - settings, 583
 - techniques for heightening, 583-584
 - using fingerprint scan, 567-569, 576-577
 - using lock screen, 563-577
- security options, Messages app, 343
- security protocol, 590
- Security settings, 590
- Select command, 63
- selecting
 - items in lists, 63
 - text, 72
- Selective Focus setting, 449
- self-portraits, 441-443
- Send Help Messages setting, 124
- sensors, 6
- service status icons, 51
- settings. *See also* customizing
 - Accessibility, 125
 - Adapt Sound, 162-163
 - Amazon Appstore, 376-377
 - Answering and Ending Calls, 148
 - Calendar app, 221-224
 - Call, 158-163
 - call forwarding, 150
 - call sound, 162-163
 - camera, 445, 446-455
 - data transmission, 544
 - Data Usage, 41, 591
 - Default Applications, 391-392
 - email account, 267-279
 - Gmail app, 304-307
 - Internet app, 252-253
 - location/GPS, 412-413
 - lock screen, 564-577
 - Messages app, 335-343
 - Motions and Gestures, 64, 107-108
 - multimedia messages, 338
 - Music app, 437
 - Network Connection, 588-591
 - notifications, 340
 - password, 577
 - Power Saving mode, 603-607
 - ringtone, 161
 - S Voice, 509-510
 - Safety Assistance, 122-124
 - searching for, 77
 - security, 577, 583, 590
 - slideshow, 475
 - sound, 161
 - Spam Filter, 342
 - sync options/schedules, 553-556
 - system. *See* system settings
 - Tethering and Mobile Hotspot, 587-591
 - text messages, 337

- voice control of, 506
- Voice Search, 515-516
- voicemail, 155
- volume, 23
- Wi-Fi calling, 146
- Settings icon, 11, 77
- Settings palette, for Camera app, 448-452, 497-498
- Settings screen, 11. *See also* system settings
- set-top box, using phone to control, 597-598
- setup wizard, 14-19
- Share This App button, 378
- Share Via command, 251, 466-467, 487, 541
- Share Via icon, 462, 533
- sharing
 - apps, 378
 - files, 37
 - MMS/SMS messages, 329
 - music, 436
 - photos, 37
 - videos, 37, 487
 - web pages, 251
- shooting modes, 452-455
 - downloading, 454
 - resetting, 454
 - setting, 443, 445
- shooting photos, 441-455
 - with front camera, 442-443
 - with rear camera, 444-446
 - selecting shooting mode for, 452-455
 - with timer, 450
 - with voice commands, 451
- shopping sites, 274
- Short Message Service messages, 310. *See also* SMS messages
- shortcuts
 - adding to Home screen, 88-89
 - app, 56
 - creating, 89
 - creating folders for, 93-94
 - on Home screen, 50, 55-56
 - organizing, 93-94
 - primary, 56, 97
 - removing, 89
 - repositioning, 89
 - widget-based, 92-93
- Shot & More mode, 453-454
- Show Battery Percentage setting, 611
- Show Date option, 575
- Show Images option, 273-274
- Show Wi-Fi Usage setting, 616
- Shuffle icons, 420
- shuffle-play option, 420, 437-438
- Signature setting, 271, 306, 342
- SIM cards, 189, 620
- size. *See also* resizing
 - of email attachments, 294
 - font, 125, 336
 - image, 471
 - of multimedia messages, 320
 - video, 483, 497
- Skype, 346
- slideshows, 329, 464, 474-475, 597
- Smart Alert setting, 108
- Smart Pause system, 484
- Smart Remote app, 587, 597-598
- Smart Scroll setting, 237
- Smart Stay setting, 22
- Smart Switch, 20
- Smart Volume setting, 437
- smartphones. *See also* Galaxy S family; phone
 - content-transfer program, 20
 - customization options, 10
 - as handheld computers, 2, 10
 - important facts about, 3
 - learning to use, 2-3, 9
 - operating systems for, 9
 - powering on/off, 13-14
- smileys, 317-318
- SMS messages. *See also* text messages
 - character limit for, 310
 - composing, 310-319
 - to contact groups, 314
 - inserting smileys in, 317-318
 - meaning of acronym, 310. *See also* text messages
 - saving as drafts, 314
 - using Quick Responses in, 315-316
- SnapChat app, 346
- Sneakernet, 552-553
- Snooze (zZ) icon, 221
- social networking aggregator, 53, 395
- social networking feeds, 52
- social networking sites
 - chat features on, 345
 - Google+, 396
 - links to popular, 352
 - sharing apps on, 378
 - sharing photos on, 2
 - sharing text messages on, 329
 - sharing videos on, 487
 - working with contact records from, 179
- songs. *See also* Music app; playlists
 - adding to playlists, 423-424
 - buying, 416
 - copy-protected, 415
 - creating ringtones from, 119-120
 - deleting, 432-435
 - emailing, 537-538
 - file-storage location for, 538
 - marking as favorites, 431
 - playing, 415-420, 425-426
 - previewing, 416
 - removing from playlists, 429
 - searching for, 417
 - shuffling, 420
 - using as ringtones, 116, 436
- Sony phones, 20
- sorting
 - Amazon Appstore apps, 372
 - contacts, 199
 - email message headers, 280
 - files, 523-524
 - videos, 482, 486
- Sound Balance setting, 125
- sound files, 116
- Sound Picker app, 116
- Sound settings, 118, 161
- SoundAlive equalizer, 419-421
- spam, 274, 303-304, 342
- Spam Filter settings, 342
- Spam Senders List, 303-304
- speaker, 7, 436
- Speaker icon, 152
- Speakerphone mode, 152, 509
- special effects, 472
- speech-to-text conversion, 71
- speed
 - connection, 591
 - download, 617

Speed Dial screen, 141, 143
 speed dialing, 140-143
 accessing, 141
 assigning numbers, 140-142
 dialing calls with, 142-143
 removing numbers, 142
 Speedtest app, 591
 Spotify, 437-438
 spread/pinch
 how to, 62, 237
 purpose of, 62
 versus double tap, 62
 Sprint
 and 911 calls, 140
 and Bluetooth tethering, 595
 call forwarding with, 150
 hotspot settings, 588
 S5 phone, 3, 232, 234
 usage app/phone number, 612
 and USB tethering, 593
 Sprint Zone, 612
 Standard Mode, 9, 53-55
 standard view, 280-282, 299
 standby mode, 609
 star icon, 232
 static wallpaper, 83
 status bar, 50-51, 340
 Storage icon, 447
 Storage setting, photo/video, 441, 498
 storage space
 cost considerations, 619
 expanding, 617, 619-620
 viewing used/available, 618-619
 strategy, synchronization. *See* sync strategy
 streaming music, 400, 437-438, 596, 609
 streaming video, 477-481
 with dedicated app, 478-480
 and MHL 2.0 HDTV adapter, 596
 and phone battery, 609
 pros and cons of, 481
 quality considerations, 596
 versus downloading, 477
 from web pages, 480-481
 Studio folder, 466, 474

subject
 for email messages, 268, 290
 grouping messages by, 280, 282
 for text messages, 310, 317
 subscription TV services, 478
 subscriptions, trial, 400
 subtitles, 487, 492, 494
 Swipe screen-lock method, 572-573, 578
 swiping
 defined, 62
 versus tapping, 134
 switching
 among apps, 166, 350, 352
 among Gmail accounts, 304
 among open web pages, 239, 255
 browsers, 227
 between conversations, 27
 languages, 67
 from one phone to another, 20, 189
 between standard and conversation view, 280
 between Standard and Easy mode, 54
 text input methods, 70
 Swype, 64, 66-68
 SYM key, 65
 symbols, entering, 65, 69
 sync strategy
 developing, 549-553
 setting options/schedules, 553-556
 synchronizing data, 549-560
 adding new accounts, 560
 developing strategy for, 549-553
 manual approach to, 552-553, 557-559
 purpose of, 549
 security considerations, 559
 setting options/schedules, 274-278, 553-556
 system settings, 103-125
 accessing, 103
 Motions and Gestures settings, 64, 107-108
 Quick Setting buttons, 104-106
 Quick Settings, 106-107
 view options for, 103
 system updates, 3

T

Tab view, 11, 103
 tabbed browsing, 255
 talk time, managing, 612-617
 Tap and Pay setting, 544
 Tap to Take Pics setting, 449
 tapping
 defined, 61
 double, 62, 237
 entering text via, 64-65
 versus swiping, 134
 Task Manager
 closing apps with, 57, 361, 602
 managing memory with, 601-603
 Task Manager icon, 57
 tasks. *See also* Calendar app
 creating, 210-211, 508
 defined, 203
 deleting, 508
 dismissing reminders for, 221
 editing, 218
 filtering, 215
 hiding completed, 222
 managing, 218-219
 marking as completed, 219
 rescheduling, 218
 searching for, 215-216
 viewing, 211-217, 508
 television. *See* TV
 temperature sensor, 7
 tethering
 Bluetooth, 594-595
 cost considerations, 588
 defined, 592
 settings, 587
 USB, 592-594
 viewing data used for, 591
 text
 capitalizing, 66
 changing input language for, 44
 changing input method for, 67, 70
 copying and pasting, 72-74
 deleting, 72
 editing, 72-74
 entering, 64-72
 via keyboard, 64-70
 with voice input, 70-72
 predictive, 68-69

- searching, 75
- tips for typing, 67-70
- text messages, 310-319. *See also* texting
 - adding subjects to, 317
 - adding text signature to, 342
 - attaching items to, 319-322
 - Auto Combination setting, 337
 - blocking, 616
 - character limit for, 310
 - composing, 310-319
 - copying/pasting, 329
 - cost considerations, 344
 - delayed sending of, 343
 - deleting, 328-329, 339
 - Delivery Reports setting, 337
 - dialing calls from links in, 136-137
 - differences among carriers, 310
 - embedded links in, 318
 - forwarding, 329
 - inserting smileys in, 317-318
 - locking, 329
 - notification settings for, 340
 - responding to, 323-325
 - saving as drafts, 314
 - scheduling, 318-319
 - searching, 330
 - selecting recipients for, 311-312
 - settings for creation/handling, 337
 - sharing, 329
 - spam filter for, 342
 - translating, 329
 - using Quick Responses in, 315-316
 - viewing message properties, 329
 - versus phone calls, 616
- text signatures, 342
- text-based search, Google, 78
- texting. *See also* Messages app; text messages
 - changing default app for, 336
 - changing font size for, 336
 - cost considerations, 344
 - defined, 309
 - designating priority senders, 331-334
 - differences among carriers, 310
 - to email/landline, 318
 - etiquette, 344
 - managing conversations, 323-330
 - refusing messages, 344
 - scheduling messages, 318-319
 - versus chat programs, 345-346
 - versus emailing, 310
 - versus phone calls, 309, 616
- threads, 309, 327. *See also* conversations
- three-way calling, 144-145
- Time view, 466-467, 531, 533
- time zones, 223, 617
- timeout settings, 20-22, 608
- Timer setting, 450
- T-Mobile
 - and Bluetooth tethering, 595
 - Galaxy S5 phone, 3
 - usage app, 612
 - Wi-Fi calling, 146
- Tone button, 471
- Toolbox app launcher, 393-395
- touch and hold, 61, 63
- touchscreen
 - interacting with, 49, 60-64
 - purpose of, 8
 - specifications, 6
- TouchWiz interface, 49-79
 - and Android operating system, 9
 - editing text, 72-74
 - entering text, 64-72
 - hardware keys, 57-59
 - Home screen, 9, 50-56
 - interacting with touchscreen, 60-64
 - Notification panel, 59-60
 - searching for items on phone/web, 74-79
- track lists, 419. *See also* Music app
- track order, 430
- tracks, deleting, 433-434
- transferring files. *See also* sharing
 - between phones, 539-544, 539-546
 - with S Beam, 542-543
 - via Bluetooth, 529-535
 - via email, 535-538
 - via USB, 520-529
 - via Wi-Fi Direct, 539-540
- transition effects, 474-475
- Translate command, 329
- trays, 355
- trial subscriptions, 400
- troubleshooting
 - adding email accounts, 267
 - boosting download speed, 617
 - checking talk/data usage, 612-613
 - configuring Power Saving mode, 603-607
 - conserving battery, 603-612
 - managing data usage, 613-616
 - managing memory, 601-603
 - managing talk time, 616-617
 - unlocking lock screen, 577-580
 - viewing battery usage, 610-611
 - viewing/expanding storage, 617-620
- turn-by-turn directions, 93, 403, 405-411. *See also* Google Maps
- TV
 - subscription services, 478
 - using phone to control, 587, 596-598
- Twitter, 462, 510
- typing tips, 67-70
- typos, 72

U

- Ultra Power Saving mode, 603, 606-607
- uninstalling apps, 99, 380-385, 389
- units of measure, 507
- Unlink Contacts command, 179
- Unlock Effect option, 575
- unlock method
 - changing, 581
 - setting non-secure, 572-573
- unlocking lock screen, 577-580
- unread messages
 - changing status of, 297, 301-302

- how Email app displays, 278
 - identifying number of, 279
 - marking read messages as, 301-302
 - reading, 280-281
 - updating
 - apps, 3, 367, 388-389
 - system, 3
 - URLs, 64, 230. *See also* links
 - U.S. Cellular, 3, 588, 593, 595
 - USB
 - cable, 12, 232, 525
 - connector, 6, 8
 - drivers, 525, 592
 - exporting Contacts data to, 192
 - modem, 587, 593
 - restoring Contacts data from, 195
 - tethering, 592-594
 - transferring files via, 520-529
 - usernames
 - Calendar app, 203
 - email, 264, 267
 - Gmail account, 29-30, 32
 - IM, 178
 - subscription TV services, 478
- V**
- vCard file, 192
 - Verify Apps setting, 369
 - Verizon
 - and Bluetooth tethering, 595
 - call forwarding with, 150
 - and Contacts screen, 165
 - and Email accounts, 261
 - Emergency Alert settings, 341
 - Galaxy S5 phone, 3
 - and Internet app, 228
 - Mobile Hotspot settings, 588
 - Preview Message setting, 341
 - Tethering settings, 593
 - usage app/phone number, 612
 - Vibrate mode, 155-156
 - Vibration Feedback option, 575
 - Video app
 - hiding files for, 580
 - menus, 486-487
 - playing videos with, 479, 481-483
 - video capture applications, 481
 - video chat apps, 346, 501
 - video clips, 320
 - Video Editor app, 487
 - Video Player app, 482
 - Video Quality settings, 493-494
 - Video Size settings, 483, 497
 - Video Stabilization setting, 498
 - Video Trimmer app, 487
 - videos, 477-501. *See also* Video app
 - adjusting volume for, 483
 - backing up, 39
 - changing playback settings for, 487
 - cloud storage of, 37
 - deleting, 486-487
 - displaying information about, 487
 - displaying subtitles for, 487, 492, 494
 - editing, 457, 487
 - exiting, 483
 - extracting from DVDs, 487-495
 - pausing, 483-484
 - Picture in Picture feature, 485
 - playing, with Video app, 479, 481-483, 486
 - previewing, 491
 - recording, 481, 496-499
 - resizing, 483
 - reviewing, 451
 - rewinding, 483
 - scrolling forward/back in, 483
 - searching for stored, 482
 - setting storage location for, 441
 - sharing, 37, 487
 - sorting, 482, 486
 - sources of, 495
 - streaming, 477-481, 596, 609
 - video-streaming apps, 478-480
 - View Message Details command, 329
 - Viewfinder, Remote, 451
 - viewing
 - album covers, 418
 - apps, 97-100, 378
 - available hotspots, 616
 - battery usage, 610-611
 - calendar, 211-217
 - call logs, 133
 - calls, 133
 - contact records, 135, 175-176
 - conversations, 326
 - DVDs, 491
 - email attachments, 283-284, 294
 - events, 211-217, 508
 - logs, 133
 - members in contact groups, 184
 - photos
 - in Camera app, 444*
 - in Gallery app, 444, 456-457*
 - on TV, 596*
 - playlists, 426
 - storage space, 618-619
 - tasks, 211-217, 508
 - web pages, 236-242, 257
 - Wi-Fi speed/signal strength, 41, 50
 - views
 - Calendar app, 237-242
 - Email app, 280-282
 - Gallery app, 466
 - system settings, 103
 - Virtual Tour mode, 453
 - viruses, 583
 - visiting web pages, 230-235
 - by following links, 231-232
 - by typing address, 237-238
 - using bookmarks, 232-234
 - using search engine, 235
 - voice chat apps, 346
 - voice commands
 - asking questions with, 503
 - controlling phone with, 505-507
 - dialing calls with, 138
 - for driving directions, 406
 - shooting photos with, 451
 - Voice Control setting, 451, 500
 - voice input, 70-72
 - Voice Privacy setting, 161
 - Voice Recorder app, 580
 - Voice Search
 - configuring, 515-516
 - getting directions via, 406-407

- issuing commands/
 - requests via, 512-515
 - launching, 79, 355, 512
 - versus S Voice, 514-515
- voice typing, 70
- Voice Wake-up setting, 509
- voice-command apps, 503-516
 - Google/Voice Search, 512-516
 - S Voice, 503-511
- voicemail
 - changing settings for, 155
 - checking, 153-155
 - indicator, 154
 - password for, 28, 153, 155
 - sending calls to, 135
 - setting up, 28
- volume control
 - for headset/headphones, 24, 27
 - location on phone, 6
 - for Music app, 419
 - raising/lowering volume with, 7, 22-23
 - for video playback, 483
 - while on a call, 151-152
- Volume dialog box, 23
- Volume settings, 23

W

- wait command, 146
- Wall Street Journal*, 400
- wallpaper, 51, 82-85
- warning, data-usage, 615
- Weather option, 222
- Weather widget, 90, 405, 413
- web addresses
 - for bookmarked pages, 233
 - editing, 246
 - saving, 233
 - searching for, 235
 - typing, 230-231
- web browsers. *See* browsers
- web pages
 - auto-filling forms on, 253
 - copying text from, 74
 - creating bookmarks from, 242-243
 - creating shortcuts to, 89
 - mobile versions of, 232, 252
 - moving back/forward through, 240
 - opening saved, 240
 - printing, 252
 - reading articles on, 238
 - refreshing, 239-240
 - revisiting recently viewed, 234
 - saving, 233
 - scrolling, 237
 - searching for, 235
 - searching for items on, 74-79, 252
 - sharing, 251
 - streaming video from, 480-481
 - zooming in/out on, 62, 237
- web redirections, 230
- web searches
 - from address box, 235
 - with S Voice, 507
 - with search engines, 230, 235, 255
- Week view, 211, 213
- Welcome screen, 14-15
- White Balance setting, 451, 498
- widget groups, 91
- widget-based shortcuts, 92-93
- widgets
 - adding to Home screen, 90-92
 - defined, 90
 - Direct Message, 331
 - Google Search, 78-79
 - Music, 436
 - searching for, 91
- Wi-Fi, 39-43. *See also* wireless networks
 - and battery usage, 608
 - configuring, 14, 15
 - enabling/disabling, 40, 60
 - "forgetting" networks, 43
 - showing usage of, 616
 - specifications, 6
 - streaming music via, 437-438
 - using phone as hotspot for, 587-591
 - viewing speed/signal strength for, 41, 50
 - versus cellular connection, 40-41, 146
- Wi-Fi Calling slider, 146
- Wi-Fi Direct, 463, 539-540, 542
- Window Manager, 239-241
- Windows icon, 239

- Windows Media Player, 415, 538
- Windows PC
 - and Bluetooth tethering, 594
 - creating Gmail account on, 29-30
 - disconnecting USB devices from, 593
 - downloading applications for, 232
 - DVD-to-mobile conversion utility, 487-488
 - exporting contacts from, 195-197
 - file-transfer programs, 520, 529
 - media organizers, 415
 - synchronizing data between phone and, 549-560
 - transferring files to/from, 527-528
 - and USB, 525
 - USB drivers, 527
 - USB tethering for, 592-593
 - video capture application, 481
- wireless modem, using phone as, 587
- wireless networks. *See also* Wi-Fi
 - connecting to, 41-42
 - finding nearby, 15, 41
 - viewing speed/signal strength for, 41, 43
 - versus cellular connection, 40-41
- wireless printing, 45-47

X-Z

- X (Dismiss) icon, 77, 221
- Yahoo! Messenger, 309, 345-346
- Year view, 212
- YouTube, 477, 479, 487
- zooming in/out
 - on images, 62
 - on photo subjects, 444
 - with spread/pinch, 62, 237
 - on web pages, 237
- zZ (Snooze) icon, 221