- Acknowledgments p. vi
- Introduction p. xix
- 1 Getting to Know Flash MX p. 1
- Flash Concepts p. 2
- Understanding Bitmap and Vector Graphics p. 2
- Introducing Symbols and Instances p. 3
- Creating a Flash Document p. 4
- Configuring the Flash Movie p. 7
- Exploring the Workspace p. 9
- Introducing the Toolbox p. 12
- Introducing Layers p. 13
- Using Flash Panels p. 14
- Using the Flash Document Library p. 17
- Using Context Menus p. 23
- Customizing the Workspace p. 24
- 2 Creating Graphic Objects p. 27
- Exploring the Drawing Tools p. 28
- Modifying an Object's Stroke Attributes with the Property Inspector p. 30
- 3 Modifying Graphic Objects p. 51
- Modifying Objects with Tools p. 52
- Using the Arrow Tool p. 52
- Using the Snap to Objects Modifier p. 58
- Snapping to Pixels p. 59
- Using the Lasso Tool p. 59
- Using the Free Transform Tool p. 61
- Modifying Objects with Menu Commands p. 65
- Modifying Objects with the Info and Transform Panels p. 70
- Using the Ink Bottle Tool p. 72
- Using the Paint Bucket Tool p. 73
- Locking a Fill with the Paint Bucket Tool p. 74
- Editing a Fill with the Fill Transform Tool p. 74
- Using the Dropper Tool p. 76
- Using the Eraser Tool p. 77
- Creating Custom Colors and Gradients p. 78
- 4 Creating Complex Graphic Objects p. 85
- Working with Intersecting Lines p. 86
- Working with Overlapping Shapes p. 86
- Aligning Objects p. 90
- Creating Object Groups p. 94
- Editing Groups p. 96
- Painting Complex Graphics p. 98
- Filling Complex Graphics p. 99
- Organizing Complex Graphics with Layers p. 102
- 5 Importing Non-Flash Graphics p. 105
- Importing Vector Graphics p. 106
- Importing Bitmap Images p. 108

- Swapping Bitmaps p. 111
- Editing Bitmap Export Settings p. 112
- Converting Bitmaps to Flash Vector Objects p. 113
- Using the Break Apart Command p. 115
- Using the Magic Wand p. 115
- Using Bitmaps as Fills p. 117
- Importing Video Files p. 123
- 6 Creating Reusable Graphic Symbols p. 127
- Understanding Symbols, Instances, and Symbol Behaviors p. 128
- Creating Symbols p. 129
- Converting Objects to Symbols p. 131
- Creating Symbol Instances p. 132
- Modifying Symbols p. 140
- Nesting Symbols p. 142
- Using Symbols from Another Flash File p. 143
- Creating a Shared Library p. 143
- 7 Working with Layers p. 149
- Organizing Movies with Layers p. 150
- Modifying a Layer's Properties p. 153
- Using the Layer Properties Dialog Box p. 155
- Working with Objects Across Layers p. 159
- Creating Guide Layers p. 160
- Creating a Mask Layer p. 164
- 8 Creating Frame-by-Frame Animations p. 169
- Understanding the Timeline p. 170
- Working with Frames p. 173
- Working with Keyframes p. 174
- Editing Frames p. 178
- Creating a Frame-by-Frame Animation p. 182
- 9 Using Advanced Animation Techniques p. 189
- Creating Motion Tween Animations p. 190
- Animating with Motion Paths p. 196
- Creating Shape Tween Animations p. 200
- Combining Motion with Shape Tweening p. 206
- Creating Motion Tween Animations p. 190
- Animating with Motion Paths p. 196
- Creating Shape Tween Animations p. 200
- Combining Motion with Shape Tweening p. 206
- 10 Creating Sophisticated Flash Movies p. 209
- Managing Complex Animations with Scenes p. 210
- Animating a Mask Layer p. 215
- Controlling Animation with Layers p. 220
- 11 Creating Button p. 229
- Creating a Rollover Button p. 230
- Creating Morphing Buttons p. 235
- Creating Animated Buttons p. 237

- Creating an Invisible Button p. 241
- Assigning Actions to Buttons p. 242
- Using the On Action p. 244
- 12 Creating Interactive Movies p. 249
- Using the Actions Panel p. 250
- Assigning Actions to Keyframes and Objects p. 252
- Using the Reference Panel p. 257
- Pinning a Script p. 258
- Using Movie Control Actions p. 259
- Creating a Text Link p. 264
- Creating Named Anchors p. 265
- Testing an ActionScript in Movie-Editing Mode p. 266
- Using the Test Movie Command to Preview ActionScripts p. 267
- Testing the Movie in a Browser Window p. 267
- 13 Adding Sound to Flash Movies p. 269
- Using Sound in Flash p. 270
- Importing Sounds p. 270
- Creating a Soundtrack p. 272
- Adding Sound Effects to a Movie p. 274
- Adding Sound to a Button p. 277
- Synchronizing Movie Sounds p. 278
- Creating Custom Sound Effects p. 281
- Adjusting Sound Export Settings p. 284
- Creating a Soundtrack Movie p. 290
- 14 Introduction to ActionScript p. 295
- Creating ActionScripts in Flash p. 296
- Creating Your First ActionScript p. 314
- 15 Creating Advanced ActionScript p. 319
- Modifying an Object with ActionScript p. 320
- Using ActionScript Objects p. 331
- Working with the Math Object p. 332
- Using the Math Object's Random Method p. 332
- Using the Key Object p. 334
- Using the Color Object p. 337
- Where to Go from Here p. 341
- 16 Debugging and Publishing Your Flash Production p. 343
- Testing the Movie p. 344
- Debugging a Movie p. 349
- Optimizing Your Flash Movies p. 358
- Publishing Your Flash Movie p. 359
- Adjusting Format Settings p. 361
- Choosing Flash as Your Web Publishing Solution p. 369
- Index p. 371