

Unit **4** Graph Models

Lesson 1 *Careful Planning* 250

INVESTIGATIONS

- 1 Planning Efficient Routes 251
- 2 Making the Circuit 254

MORE 258

- 3 Tracing Figures from One Point to Another 265
- 4 Graphs and Matrices 268

MORE 271

Lesson 2 *Managing Conflicts* 277

INVESTIGATIONS

- 1 Building a Model 277
- 2 Coloring, Map Making, and Scheduling 282

MORE 286

Lesson 3 *Scheduling Large Projects* 295

INVESTIGATIONS

- 1 Building a Model 295
- 2 Finding the Earliest Finish Time 299

MORE 302

- 3 Scheduling a Project 307
- 4 Uncertain Task Times 311

MORE 314

Lesson 4 *Looking Back* 321

Index of Mathematical Topics 325

Index of Contexts 328