



A futuristic spiral

Coming in this chapter:

Exploration Make a paper rectangle that is similar to the smaller rectangle obtained by the following method:

- a. cutting the original rectangle in two equal parts;
- b. cutting off a square from the original rectangle.

What is the exact ratio of length to width for each of your rectangles?

RATIOS AND ROOTS

- 14.1 Rectangle Ratios
- 14.2 Simplifying Algebraic Fractions
- 14.3 Fractions and Equations
- 14.4 Finding the Vertex
- 14.A *THINKING/WRITING:*
In the Gutter
- 14.5 A Famous Formula
- 14.6 Translations of $y = ax^2$
- 14.7 Equations and Numbers
- 14.8 The Golden Ratio
- 14.B *THINKING/WRITING:*
Up and Down Stream
- ◆ Essential Ideas