



The scroll-like spirals in the capital of a Greek column

Coming in this chapter:

Exploration There are four geoboard segments that start at the origin and have length 5. Find their endpoints. Use this to help you solve the following problem: If you know that two sides of a geoboard triangle are of length 5, what are the possible lengths for the third side?

MEASUREMENT AND SQUARE ROOTS

- 9.1 Distance
- 9.2 The Pythagorean Theorem
- 9.3 Radicals
- 9.4 Radical Operations
- 9.A *THINKING/WRITING:*
Geoboard Distances
- 9.5 The Square Root Function
- 9.6 Midpoints
- 9.7 Halfway Measures
- 9.8 The Exponent $1/2$
- 9.B *THINKING/WRITING:*
Skidding Distance
- 9.9 Radical Expressions
- 9.10 Blowups
- 9.11 Let's Eat!
- 9.12 Similar Figures
- 9.C *THINKING/WRITING:*
SuperTangrams, Midpoints
- ◆ Essential Ideas

