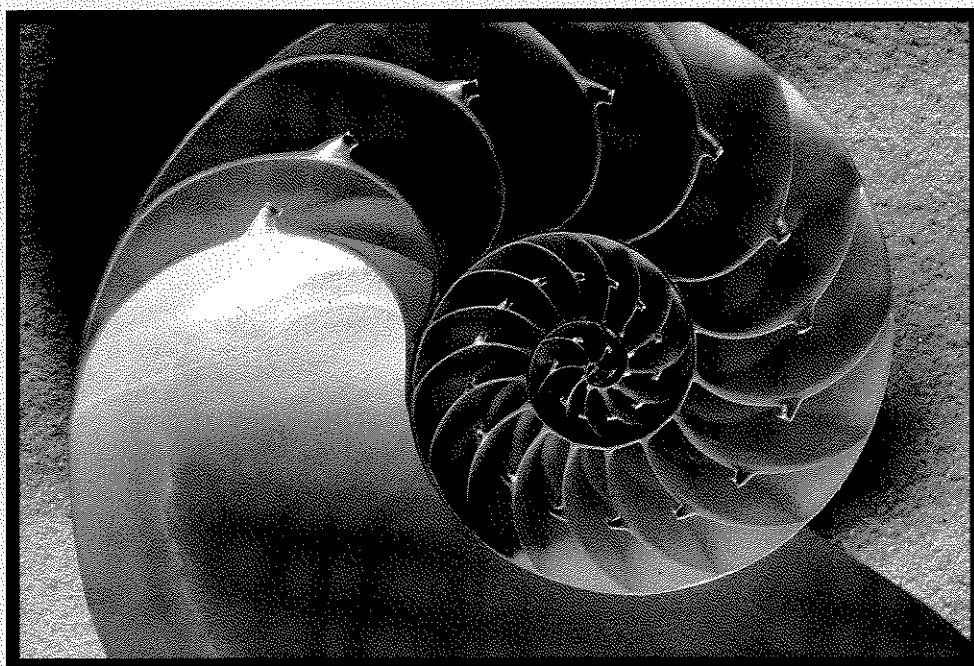


# CHAPTER

# 2



The equiangular spiral of a nautilus shell

## *Coming in this chapter:*

**Exploration** 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377...

There are many patterns in this sequence of numbers. Find as many as you can, using addition, subtraction, multiplication, and division.

# OPERATIONS AND FUNCTIONS

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- 2.1 Minus and Opposites
- 2.2 Adding and Subtracting
- 2.3 Multiplying
- 2.4 The Distributive Law
- 2.A *THINKING/WRITING:*  
Operations
- 2.5 Powers
- 2.6 Finding Patterns
- 2.7 Functions and Function Diagrams
- 2.8 Time, Distance, Speed
- 2.B *THINKING/WRITING:*  
The Car Trip
- 2.9 Operations and Function Diagrams
- 2.10 Perimeter and Surface Area Functions
- 2.11 Polyomino Functions
- 2.12 Geoboard Triangles
- 2.C *THINKING/WRITING:*  
Towns, Roads, and Zones
- ◆ Essential Ideas