

CHAPTER

5



The colorful spiral of a lollipop

*Coming in this chapter:*

**Exploration** Build as many rectangles as you can with one  $x^2$ , ten  $x$ -blocks, and any number of yellow blocks.

Build as many rectangles as you can with  $x^2$ , 18, and any number of  $x$ -blocks.

# SUMS AND PRODUCTS

---

- 5.1 Constant Sums
- 5.2 Constant Products
- 5.3 The Distributive Law
- 5.4 Factoring Trinomials
- 5.A *THINKING/WRITING:*  
Analyzing Graphs
- 5.5 Graphing Parabolas
- 5.6 Factors
- 5.7 Minus and the Distributive Law
- 5.8 Building-Block Numbers
- 5.B *THINKING/WRITING:*  
Distributing
- 5.9 Staircase Sums
- 5.10 Sequences
- 5.11 Averages and Sums
- 5.12 Smooth Moves
- 5.C *THINKING/WRITING:*  
Sequences as Functions
- ◆ Essential Ideas
- *PRACTICE*