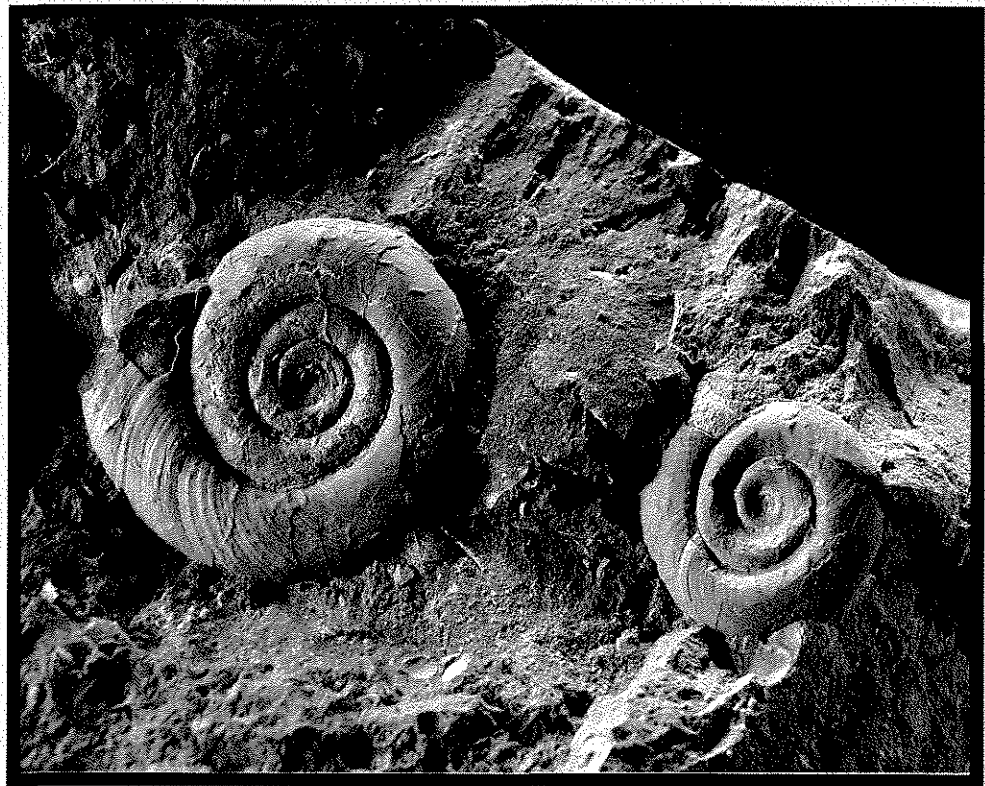


CHAPTER

8



The spiral surface pattern of gastropod fossils

Coming in this chapter:

Exploration A population is growing at a rate of about 2% per year. In how many years will the population double? Experiment with different starting values for the population. How does your answer depend on the starting value?

GROWTH AND CHANGE

- 8.1 Height and Weight
- 8.2 Focus on Function Diagrams
- 8.3 Slope
- 8.4 Linear Functions
- 8.A *THINKING/WRITING:*
Slope-Intercept Form
- 8.5 Ideal Population Growth
- 8.6 Comparing Populations
- 8.7 Percent Increase
- 8.8 Percent Decrease
- 8.B *THINKING/WRITING:*
Simple and Compound Interest
- 8.9 Equal Powers
- 8.10 Working With Monomials
- 8.11 Negative Bases, Negative Exponents
- 8.12 Small and Large Numbers
- 8.C *THINKING/WRITING:*
Applying the Laws of Exponents
- ◆ Essential Ideas