

**STUDY LINK**  
**8•2**

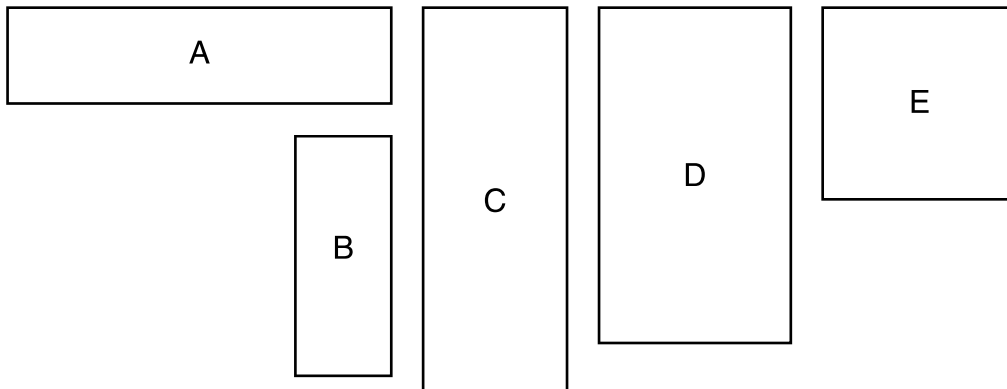
# Scale



1. If 1 inch on a map represents 13 miles, then
  - a. 4 inches represent \_\_\_\_\_ miles.
  - b. 9 inches represent \_\_\_\_\_ miles.
  - c.  $2\frac{1}{2}$  inches represent \_\_\_\_\_ miles.
  - d.  $13\frac{1}{2}$  inches represent \_\_\_\_\_ miles.
2. The scale for a drawing is 1 centimeter:5 meters. Make a scale drawing of a rectangle that measures 20 meters by 15 meters.

**Try This**

3. Scale:  $\frac{1}{4}$  inch represents 6 feet. Measure the height of each rectangle to the nearest  $\frac{1}{4}$  inch. Complete the table.



Rectangle	Height in Drawing	Actual Height
A		
B		
C		
D		
E		