

Name \_\_\_\_\_ Date \_\_\_\_\_

Introduction: Scale Drawing

Basic skills

The length of the thruway is 600 miles. If 0.5 inch represents 50 miles, what is the length of the thruway on the map?

Divide 600 by 50 to determine the number of units  $600/50 = 12$  units take the units and multiply by the scale.

$$12(0.5) = 6 \text{ inches}$$

**Answer** = 6 inches

Basic skills Practice

The dimensions of a building are 250 feet by 120 feet. If 1 inch represents 20 feet on a scale drawing, what are the dimensions of the building on the drawing?

Building 250 feet by 120 feet

$$250 \text{ feet} = 12.5 \text{ inches}$$

$$120 \text{ feet} = 6 \text{ inches}$$

**Answer** = 12.5 , 6 inches