

NAME \_\_\_\_\_

DATE \_\_\_\_\_

PERIOD \_\_\_\_\_

PRE-ALGEBRA  
PRACTICE WITH SCALE DRAWINGS CHAP 8-3

Try the following problems:

1. 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?



2. 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?



3. If one inch represents 10 feet, what dimensions would you use to make a scale drawing of a building 20 feet by 40 feet?



4. If on a scale drawing 48 feet are represented by 12 inches, then a scale of  $\frac{1}{4}$  inch represents how many feet?



Answer: 12

5. If 1 inch represents 75 miles on a map, then how many inches will represent 1500 miles?



Answer: 20