

Name _____ Date _____

7.5**Practice**

For use after Lesson 7.5

Find the missing dimension. Use the scale factor 1 : 8.

| Item | Model | Actual |
|--------------|-------------------|------------------|
| 1. Statue | Height: 168 in. | Height _____ ft |
| 2. Painting | Width: _____ cm | Width: 200 m |
| 3. Alligator | Height: _____ in. | Height: 6.4 ft |
| 4. Train | Length: 36.5 in. | Length: _____ ft |

5. The diameter of the moon is 2160 miles. A model has a scale of 1 in. : 150 mi. What is the diameter of the model?

6. A map has a scale of 1 in. : 4 mi.

- a. You measure 3 inches between your house and the movie theater. How many miles is it from your house to the movie theater?

- b. It is 17 miles to the mall. How many inches is that on the map?