

**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?