

5.4**Practice**

For use after Lesson 5.4

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.
- You measure 3 inches between your house and the movie theater. How many miles is it from your house to the movie theater?
 - It is 17 miles to the mall. How many inches is that on the map?