

## Lesson 6-6 Review

1. A model of a car is 8 inches long. If the real car is 20 feet long, what is the scale of the model car?

2. On a map the scale is 1 inch = 30 miles. If two cities are 8 inches apart on the map, how many miles are between those cities?

3. A model airplane is built with a wing span of 20 inches. The actual wingspan of the real plane is 120 feet. Find the scale.

4. A picnic blanket is 30 feet wide. If the drawing of that picnic blanket in the catalog is 2 inches wide, what is the scale of the drawing?

5. On a map 3 inches equals 42 miles. If two cities on a map are 5 inches apart, how many miles apart are those cities?

6. A model boat is 3 inches long. If the real boat is 120 feet long, what is the scale of the model?

7. A model car is created with a scale of 2 inches equals 7 feet. How long is the real car if the model is 3 inches long?

8. On a map 3 inches equals 8 miles. If two cities are 240 miles apart, how many inches apart will they be on the map?

**For numbers 9-15, find the scale factor:**

9. 6 in = 8 ft

10. 3 in = 5 yd

11. 10 cm = 3 m

12. 3ft = 8 yd