

LESSON
7-7 **Practice A**
Scale Drawings

1. A drawing is 10 in. and the actual measurement is 20 ft. What is the ratio of the scale drawing to the actual drawing?

2. A drawing is 25 cm and the actual measurement is 100 m. What is the ratio of the scale drawing to the actual drawing?

The scale of a drawing is $\frac{1}{4}$ in. = 6 ft. Find the actual measurement

3. 4 in.

4. 3 in.

5. 1 in.

6. 2.75 in.

The scale is 1 cm = 25 m. Find the length each measurement would be on a scale drawing.

7. 50 m

8. 225 m

9. 375 m

10. 150 m

11. 175 m

12. 400 m

13. 250 m

14. 300 m

15. A square has a perimeter of 60 ft. A scale drawing of the figure is made with a scale of $\frac{1}{3}$ in. = 5 ft. What is the perimeter of the scale drawing of the figure?

16. A scale drawing has a scale of 1 in. = 10 ft. How long is a line on the drawing that represents an actual length of 22.5 ft?

17. On a map the distance between Charleston and Mt. Pleasant is 3.2 cm. The scale is 1 cm = 25 mi. What is the actual distance between these two towns?
