

Practice 5-6

Maps and Scale Drawings

The scale of a map is 2 cm : 21 km. Find the actual distances for the following map distances.

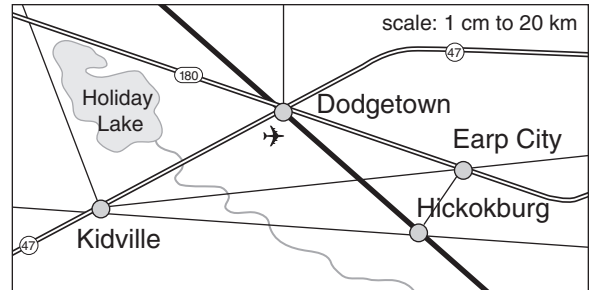
- 1. 9 cm _____
- 2. 12.5 cm _____
- 3. 14 mm _____
- 4. 3.6 m _____
- 5. 4.5 cm _____
- 6. 7.1 cm _____

A scale drawing has a scale of $\frac{1}{4}$ in. : 12 ft. Find the length on the drawing for each actual length.

- 7. 8 ft _____
- 8. 30 ft _____
- 9. 15 ft _____
- 10. 18 ft _____
- 11. 20 ft _____
- 12. 40 ft _____

Use a metric ruler to find the approximate distance between the towns.

- 13. Hickokburg to Kidville _____
- 14. Dodgetown to Earp City _____
- 15. Dodgetown to Kidville _____
- 16. Kidville to Earp City _____
- 17. Dodgetown to Hickokburg _____
- 18. Earp City to Hickokburg _____



Solve.

- 19. The scale drawing shows a two-bedroom apartment. The master bedroom is 9 ft × 12 ft. Use an inch ruler to measure the drawing.
 - a. The scale is _____.
 - b. Write the actual dimensions in place of the scale dimensions.

