Customary Units of Length

	How many feet are in 288 inches?	How many feet are in 4 yards 2 feet?
12 inches (in.) $=$ 1 foot (ft) 3 feet $=$ 1 yard (yd) 5,280 feet $=$ 1 mile (mi) 1,760 yards $=$ 1 mile	Remember: Divide to change from a smaller to a larger unit. 288 in. $=$ $\square$ ft 288 $\div$ 12 $=$ 24 288 in. $=$ 24 ft	Remember: Multiply to change from a larger to a smaller unit. 4 yd 2 ft $=$ $\square$ ft 4 $\times$ 3 $=$ 12 12 ft $+$ 2 ft $=$ 14 ft

Complete.

1. _____ ft = 6 yd

2. 3 mi = _____ ft

3. 24 yd = _____ ft

4. 114 in. = _____ ft _____ in.

5. 8,000 ft = _____ mi _____ ft

6. 180 in. = _____ ft

Compare. Write $>$, $<$, or $=$ for each $\bigcirc$.

7. 6 ft $\bigcirc$ 72 in.

8. 150 in. $\bigcirc$ 15 ft

9. 2 mi $\bigcirc$ 10,000 ft

Which unit would you use to measure each? Write *inch, foot, yard,* or *mile*.

10. the length of a puppy _____

11. the length of a soccer field _____

12. the width of your state _____

13. the height of a van _____

Problem Solving

Show Your Work

14. Gayle has 5 yd 2 ft of wire. Mae has 204 in. of wire. Who has more wire? Explain how you found your answer.

Use with text pages 150–151.