Homework 6.2

Name ___________________________ Date ______________

Customary Units of Length

| 12 inches (in.) = 1 foot (ft) | How many feet are in 288 inches? |
| 3 feet = 1 yard (yd) | Remember: Divide to change from a smaller to a larger unit. |
| 5,280 feet = 1 mile (mi) | 288 in. = □ ft |
| 1,760 yards = 1 mile | 288 ÷ 12 = 24 |
| How many feet are in 4 yards 2 feet? |
| Remember: Multiply to change from a larger to a smaller unit. |
| 4 yd 2 ft = □ ft |
| 4 × 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 □.

7. 6 ft □ 72 in.
8. 150 in. □ 15 ft
9. 2 mi □ 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

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.

Show Your Work