Name _____ Date _____

2.6 Practice

For use after Lesson 2.6

Divide. Write the answer in simplest form.

1. $4\frac{1}{6} \div 5$

2. $\frac{5}{8} \div 5\frac{3}{4}$

3. $8\frac{1}{6} \div 2\frac{1}{24}$

Evaluate the expression when $x = 3\frac{3}{5}$ and $y = 6\frac{6}{7}$.

4. $2\frac{3}{10} \div x$

5. $y \div x$

6. $x \div y$

Evaluate the expression.

7. $4\frac{7}{12} \div \frac{3}{4} \times \frac{3}{11}$

8. $9 \div 8\frac{1}{10} - \frac{5}{9}$

9. $5\frac{7}{8} \times \left(2\frac{4}{5} \div 7\right)$

10. At a road race, you have $60\frac{3}{4}$ feet available for a water station. Your tables are $6\frac{3}{4}$ feet long. How many tables can you line up for the water station?

11. A recipe calls for $2\frac{2}{3}$ teaspoons of salt. You can only find three of your measuring spoons: a $\frac{1}{2}$ teaspoon, a $\frac{1}{8}$ teaspoon, and a $\frac{1}{6}$ teaspoon.

a. What measuring spoon(s) would you use to measure the salt?

b. How many scoops of each measuring spoon would you need?