

2.2**Practice**

For use after Lesson 2.2

Multiply. Write the answer in simplest form.

1. $4 \times \frac{1}{9}$

2. $8 \times \frac{2}{5}$

3. $\frac{3}{8} \times 9$

4. $\frac{11}{2} \times 7$

5. $9 \times \frac{7}{9}$

6. $\frac{2}{3} \times 12$

Evaluate the expression when $x = 4$, $y = \frac{4}{15}$, and $z = 30$.

7. $\frac{5}{8} \cdot z$

8. xyz

9. $\frac{1}{2} + yz$

10. You design a shirt that requires $\frac{5}{6}$ yard of fabric. Four friends ask you to make them a shirt. How many yards of fabric do you need?

11. The table shows the amount of iced tea mix that is needed for each amount of water shown.

Iced tea mix

1-1/2 tbsp

2 tbsp

1/4 cup

1/2 cup

Water

1 cup

1 quart (4 cups)

2 quarts (8 cups)

1 gallon (4 quarts)

- a. Give two possible ways to make 11 cups of iced tea.

- b. How much mix will you need for each of your methods? Explain.