Name: _____

# Multiplying and Dividing Rational Numbers

Multiply or divide. Write answers in simplest form.

1. $\frac{1}{8} \div \left( -\frac{1}{2} \right) =$ _____

2. $\frac{5}{6} \div \left( -\frac{1}{4} \right) =$ _____

3. $-\frac{2}{3} \times 2\frac{7}{8} =$ _____

4. $-\frac{3}{4} \times \frac{1}{2} =$ _____

5. $1\frac{5}{6} \div \left( -\frac{1}{4} \right) =$ _____

6. $-\frac{1}{8} \times 1\frac{2}{5} =$ _____

7. $-\frac{5}{8} \times \left( -\frac{2}{3} \right) =$ _____

8. $\frac{3}{5} \div \frac{3}{4} =$ _____

9. $\frac{7}{8} \div \frac{2}{5} =$ _____

10. $\frac{7}{8} \div \frac{1}{2} =$ _____

11. $\frac{1}{8} \times \left( -2\frac{1}{3} \right) =$ _____

12. $-\frac{1}{2} \div \frac{4}{5} =$ _____

13. $\frac{1}{8} \times 2\frac{2}{3} =$ _____

14. $-\frac{1}{3} \times \left( -1\frac{1}{4} \right) =$ _____

15. $1\frac{1}{4} \times \left( -\frac{3}{8} \right) =$ _____

16. $-\frac{1}{2} \times 2\frac{2}{3} =$ _____

Name: **ANSWER KEY**

# Multiplying and Dividing Rational Numbers

Multiply or divide. Write answers in simplest form.

1. $\frac{1}{8} \div \left(-\frac{1}{2}\right) = -\frac{1}{4}$

2. $\frac{5}{6} \div \left(-\frac{1}{4}\right) = -3\frac{1}{3}$

3. $-\frac{2}{3} \times 2\frac{7}{8} = -1\frac{11}{12}$

4. $-\frac{3}{4} \times \frac{1}{2} = -\frac{3}{8}$

5. $1\frac{5}{6} \div \left(-\frac{1}{4}\right) = -7\frac{1}{3}$

6. $-\frac{1}{8} \times 1\frac{2}{5} = -\frac{7}{40}$

7. $-\frac{5}{8} \times \left(-\frac{2}{3}\right) = \frac{5}{12}$

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

9. $\frac{7}{8} \div \frac{2}{5} = 2\frac{3}{16}$

10. $\frac{7}{8} \div \frac{1}{2} = 1\frac{3}{4}$

11. $\frac{1}{8} \times \left(-2\frac{1}{3}\right) = -\frac{7}{24}$

12. $-\frac{1}{2} \div \frac{4}{5} = -\frac{5}{8}$

13. $\frac{1}{8} \times 2\frac{2}{3} = \frac{1}{3}$

14. $-\frac{1}{3} \times \left(-1\frac{1}{4}\right) = \frac{5}{12}$

15. $1\frac{1}{4} \times \left(-\frac{3}{8}\right) = -\frac{15}{32}$

16. $-\frac{1}{2} \times 2\frac{2}{3} = -1\frac{1}{3}$