

Multiplying Fractions Worksheet

5th Grade - multiplying fractions by fractions | 16 minutes

Name: _____ Date: _____

Multiply the fractions. Multiply the numerators, multiply the denominators, then simplify.

Example: $\frac{1}{2} \times \frac{1}{3}$: multiply tops ($1 \times 1 = 1$) and bottoms ($2 \times 3 = 6$) -> $\frac{1}{6}$.

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

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

3. $\frac{1}{2} \times \frac{3}{5} =$

4. $\frac{3}{4} \times \frac{2}{3} =$

5. $\frac{2}{5} \times \frac{1}{2} =$

6. $\frac{1}{3} \times \frac{3}{4} =$

7. $\frac{2}{3} \times \frac{3}{5} =$

8. $\frac{1}{4} \times \frac{1}{4} =$

Challenge

9. What is $\frac{2}{3}$ of 9?

10. Why is $\frac{1}{2} \times \frac{1}{3}$ smaller than both fractions?
