

Multiplying Fractions Worksheet - Answer Key

5th Grade - multiplying fractions by fractions | 16 minutes

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

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

1. $1/2 \times 1/3 =$

Answer: $1/6$

2. $2/3 \times 1/4 =$

Answer: $2/12 = 1/6$

3. $1/2 \times 3/5 =$

Answer: $3/10$

4. $3/4 \times 2/3 =$

Answer: $6/12 = 1/2$

5. $2/5 \times 1/2 =$

Answer: $2/10 = 1/5$

6. $1/3 \times 3/4 =$

Answer: $3/12 = 1/4$

7. $2/3 \times 3/5 =$

Answer: $6/15 = 2/5$

8. $1/4 \times 1/4 =$

Answer: $1/16$

Challenge

9. What is $2/3$ of 9?

Answer: 6

10. Why is $1/2 \times 1/3$ smaller than both fractions?

Answer: Taking a fraction OF a fraction gives a smaller part - half of a third is just one sixth.