

Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Multiplying Fractions

Multiply numerators and denominators, then simplify.

1. $\frac{2}{4} \times \frac{1}{5}$

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

3. $\frac{6}{10} \times \frac{2}{3}$

4. $\frac{3}{10} \times \frac{2}{5}$

5. $\frac{1}{4} \times \frac{1}{2}$

6. $\frac{7}{10} \times \frac{7}{10}$

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

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

9. $\frac{2}{5} \times \frac{3}{4}$

10. $\frac{1}{2} \times \frac{4}{5}$

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Multiplying Fractions - Answer key

Multiply numerators and denominators, then simplify.

1.

$$\frac{2}{4} \times \frac{1}{5}$$
$$= \frac{1}{10}$$

$2/4 \times 1/5 = 2/20 = 1/10$
Divide both parts by 2: $2/20 = 1/10$.

2.

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

$1/2 \times 1/2 = 1/4 = 1/4$
Already in lowest terms: $1/4$.

3.

$$\frac{6}{10} \times \frac{2}{3}$$
$$= \frac{2}{5}$$

$6/10 \times 2/3 = 12/30 = 2/5$
Divide both parts by 6: $12/30 = 2/5$.

4.

$$\frac{3}{10} \times \frac{2}{5}$$
$$= \frac{3}{25}$$

$3/10 \times 2/5 = 6/50 = 3/25$
Divide both parts by 2: $6/50 = 3/25$.

5.

$$\frac{1}{4} \times \frac{1}{2}$$
$$= \frac{1}{8}$$

$1/4 \times 1/2 = 1/8 = 1/8$
Already in lowest terms: $1/8$.

6.

$$\frac{7}{10} \times \frac{7}{10}$$
$$= \frac{49}{100}$$

$7/10 \times 7/10 = 49/100 = 49/100$
Already in lowest terms: $49/100$.

7.

$$\frac{1}{3} \times \frac{1}{2}$$
$$= \frac{1}{6}$$

$1/3 \times 1/2 = 1/6 = 1/6$
Already in lowest terms: $1/6$.

8.

$$\frac{1}{2} \times \frac{1}{5}$$
$$= \frac{1}{10}$$

$1/2 \times 1/5 = 1/10 = 1/10$
Already in lowest terms: $1/10$.

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Multiplying Fractions - Answer key

Multiply numerators and denominators, then simplify.

9.

$$\frac{2}{5} \times \frac{3}{4} = \frac{3}{10}$$

$2/5 \times 3/4 = 6/20 = 3/10$
Divide both parts by 2: $6/20 = 3/10$.

10.

$$\frac{1}{2} \times \frac{4}{5} = \frac{2}{5}$$

$1/2 \times 4/5 = 4/10 = 2/5$
Divide both parts by 2: $4/10 = 2/5$.