Multiplying Fractions Worksheet

Name: _____ Date: _____

Multiply the numerators, multiply the denominators, then simplify.

1. $\frac{5}{6} \times \frac{1}{3} = \frac{\square}{\square}$

2. $\frac{3}{5} \times \frac{2}{4} = \frac{\square}{\square}$

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

4. $\frac{2}{7} \times \frac{3}{6} = \frac{\square}{\square}$

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

6. $\frac{4}{8} \times \frac{3}{6} = \frac{\square}{\square}$

7. $\frac{1}{6} \times \frac{1}{6} = \frac{\square}{\square}$

8. $\frac{1}{3} \times \frac{1}{6} = \frac{\square}{\square}$

9. $\frac{1}{3} \times \frac{1}{3} = \frac{\square}{\square}$

10. $\frac{3}{7} \times \frac{4}{8} = \frac{\square}{\square}$

11. $\frac{5}{6} \times \frac{4}{5} = \frac{\square}{\square}$

12. $\frac{2}{4} \times \frac{2}{5} = \frac{\square}{\square}$

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Answer Key

Multiply the numerators, multiply the denominators, then simplify.

1. $\frac{5}{6} \times \frac{1}{3} = \frac{5}{18}$

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

3. $\frac{3}{5} \times \frac{1}{5} = \frac{3}{25}$

4. $\frac{2}{7} \times \frac{3}{6} = \frac{1}{7}$

5. $\frac{2}{7} \times \frac{2}{5} = \frac{4}{35}$

6. $\frac{4}{8} \times \frac{3}{6} = \frac{1}{4}$

7. $\frac{1}{6} \times \frac{1}{6} = \frac{1}{36}$

8. $\frac{1}{3} \times \frac{1}{6} = \frac{1}{18}$

9. $\frac{1}{3} \times \frac{1}{3} = \frac{1}{9}$

10. $\frac{3}{7} \times \frac{4}{8} = \frac{3}{14}$

11. $\frac{5}{6} \times \frac{4}{5} = \frac{2}{3}$

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