

Multiply Fractions

Aim: to multiply fractions

Cancelling Common Fractions

Calculate the following by cancelling the common factors first. Give your answer in the simplest form.

1. $\frac{2}{5} \times \frac{3}{8} =$

2. $\frac{4}{5} \times \frac{1}{6} =$

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

4. $\frac{5}{12} \times \frac{2}{3} =$

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

6. $\frac{3}{4} \times \frac{5}{9} =$

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

8. $\frac{4}{5} \times \frac{1}{4} =$

9. $\frac{5}{9} \times \frac{3}{10} =$

10. $\frac{4}{5} \times \frac{5}{12} =$

Multiply Fractions Answer Sheet

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Answers

$$1. \quad \frac{\overset{1}{\cancel{2}}}{5} \times \frac{3}{\cancel{8}_4} = \frac{3}{20}$$

$$2. \quad \frac{\overset{2}{\cancel{4}}}{5} \times \frac{1}{\cancel{6}_3} = \frac{2}{15}$$

$$3. \quad \frac{1}{\cancel{3}_1} \times \frac{\overset{1}{\cancel{3}}}{5} = \frac{1}{5}$$

$$4. \quad \frac{5}{\cancel{12}_6} \times \frac{\overset{1}{\cancel{2}}}{3} = \frac{5}{18}$$

$$5. \quad \frac{\overset{1}{\cancel{2}}}{5} \times \frac{1}{\cancel{8}_4} = \frac{1}{20}$$

$$6. \quad \frac{\overset{1}{\cancel{3}}}{4} \times \frac{5}{\cancel{9}_3} = \frac{5}{12}$$

$$7. \quad \frac{1}{\cancel{6}_2} \times \frac{\overset{1}{\cancel{3}}}{5} = \frac{1}{10}$$

$$8. \quad \frac{\overset{1}{\cancel{4}}}{5} \times \frac{1}{\cancel{4}_1} = \frac{1}{5}$$

$$9. \quad \frac{\overset{1}{\cancel{5}}}{\cancel{9}_3} \times \frac{\overset{1}{\cancel{3}}}{\cancel{10}_2} = \frac{1}{6}$$

$$10. \quad \frac{\overset{1}{\cancel{4}}}{\cancel{5}_1} \times \frac{\overset{1}{\cancel{5}}}{\cancel{12}_3} = \frac{1}{3}$$