

Fractions: Multiplying Fractions and Whole Numbers

Date:

Name:

Solve each problem below. Where appropriate, simplify fully, and rename improper fractions as mixed numbers.

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[1] $\frac{3}{7} \times \frac{2}{10} =$

[2] $\frac{6}{9} \times \frac{6}{12} =$

[3] $\frac{7}{14} \times \frac{7}{10} =$

[4] $\frac{1}{6} \times \frac{7}{9} =$

[5] $6 \times \frac{1}{2} =$

[6] $4 \times \frac{4}{5} =$

[7] $\frac{5}{7} \times 5 =$

[8] $\frac{3}{10} \times 7 =$

[9] $\frac{4}{7} \times \frac{7}{9} =$

[10] $\frac{8}{11} \times \frac{4}{12} =$

[11] $\frac{6}{13} \times \frac{9}{12} =$

[12] $\frac{2}{12} \times \frac{13}{14} =$

[13] $11 \times \frac{4}{4} =$

[14] $11 \times \frac{2}{6} =$

[15] $\frac{3}{7} \times 13 =$

[16] $\frac{6}{12} \times 15 =$

ANSWERS

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$$[1] \quad \frac{3}{7} \times \frac{2}{10} = \frac{3}{35}$$

$$[2] \quad \frac{6}{9} \times \frac{6}{12} = \frac{1}{3}$$

$$[3] \quad \frac{7}{14} \times \frac{7}{10} = \frac{7}{20}$$

$$[4] \quad \frac{1}{6} \times \frac{7}{9} = \frac{7}{54}$$

$$[5] \quad 6 \times \frac{1}{2} = \frac{3}{1} = 3 \frac{0}{1}$$

$$[6] \quad 4 \times \frac{4}{5} = \frac{16}{5} = 3 \frac{1}{5}$$

$$[7] \quad \frac{5}{7} \times 5 = \frac{25}{7} = 3 \frac{4}{7}$$

$$[8] \quad \frac{3}{10} \times 7 = \frac{21}{10} = 2 \frac{1}{10}$$

$$[9] \quad \frac{4}{7} \times \frac{7}{9} = \frac{4}{9}$$

$$[10] \quad \frac{8}{11} \times \frac{4}{12} = \frac{8}{33}$$

$$[11] \quad \frac{6}{13} \times \frac{9}{12} = \frac{9}{26}$$

$$[12] \quad \frac{2}{12} \times \frac{13}{14} = \frac{13}{84}$$

$$[13] \quad 11 \times \frac{4}{4} = \frac{11}{1} = 11 \frac{0}{1}$$

$$[14] \quad 11 \times \frac{2}{6} = \frac{11}{3} = 3 \frac{2}{3}$$

$$[15] \quad \frac{3}{7} \times 13 = \frac{39}{7} = 5 \frac{4}{7}$$

$$[16] \quad \frac{6}{12} \times 15 = \frac{15}{2} = 7 \frac{1}{2}$$