

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] $\frac{4}{7} \times \frac{6}{11} =$

[2] $\frac{6}{9} \times \frac{7}{13} =$

[3] $\frac{9}{15} \times \frac{7}{11} =$

[4] $\frac{1}{11} \times \frac{13}{15} =$

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

[6] $6 \times \frac{3}{5} =$

[7] $\frac{5}{6} \times 8 =$

[8] $\frac{3}{9} \times 10 =$

[9] $\frac{6}{10} \times \frac{1}{14} =$

[10] $\frac{9}{13} \times \frac{2}{16} =$

[11] $\frac{4}{18} \times \frac{10}{14} =$

[12] $\frac{3}{14} \times \frac{15}{19} =$

[13] $14 \times \frac{4}{2} =$

[14] $14 \times \frac{3}{4} =$

[15] $\frac{5}{5} \times 15 =$

[16] $\frac{7}{12} \times 17 =$

ANSWERS

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$$[1] \quad \frac{4}{7} \times \frac{6}{11} = \frac{24}{77}$$

$$[2] \quad \frac{6}{9} \times \frac{7}{13} = \frac{14}{39}$$

$$[3] \quad \frac{9}{15} \times \frac{7}{11} = \frac{21}{55}$$

$$[4] \quad \frac{1}{11} \times \frac{13}{15} = \frac{13}{165}$$

$$[5] \quad 7 \times \frac{3}{3} = \frac{7}{1} = 7 \frac{0}{1}$$

$$[6] \quad 6 \times \frac{3}{5} = \frac{18}{5} = 3 \frac{3}{5}$$

$$[7] \quad \frac{5}{6} \times 8 = \frac{20}{3} = 6 \frac{2}{3}$$

$$[8] \quad \frac{3}{9} \times 10 = \frac{10}{3} = 3 \frac{1}{3}$$

$$[9] \quad \frac{6}{10} \times \frac{1}{14} = \frac{3}{70}$$

$$[10] \quad \frac{9}{13} \times \frac{2}{16} = \frac{9}{104}$$

$$[11] \quad \frac{4}{18} \times \frac{10}{14} = \frac{10}{63}$$

$$[12] \quad \frac{3}{14} \times \frac{15}{19} = \frac{45}{266}$$

$$[13] \quad 14 \times \frac{4}{2} = \frac{28}{1} = 28 \frac{0}{1}$$

$$[14] \quad 14 \times \frac{3}{4} = \frac{21}{2} = 10 \frac{1}{2}$$

$$[15] \quad \frac{5}{5} \times 15 = \frac{15}{1} = 15 \frac{0}{1}$$

$$[16] \quad \frac{7}{12} \times 17 = \frac{119}{12} = 9 \frac{11}{12}$$