Fractions: Multiplying Fractions and Whole Numbers (Cancelling)

Date: **Name:**

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

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[1] $\frac{4}{7} \times \frac{7}{8} =$

[2] $\frac{2}{12} \times \frac{3}{14} =$

[3] $\frac{5}{21} \times \frac{7}{13} =$

[4] $\frac{1}{28} \times \frac{7}{10} =$

[5] $6 \times \frac{8}{18} =$

[6] $7 \times \frac{7}{35} =$

[7] $\frac{8}{40} \times 8 =$

[8] $\frac{8}{60} \times 10 =$

[9] $\frac{5}{8} \times \frac{1}{15} =$

[10] $\frac{4}{8} \times \frac{2}{18} =$

[11] $\frac{3}{15} \times \frac{5}{10} =$

[12] $\frac{3}{10} \times \frac{11}{12} =$

[13] $9 \times \frac{3}{18} =$

[14] $14 \times \frac{10}{70} =$

[15] $\frac{7}{75} \times 15 =$

[16] $\frac{6}{34} \times 17 =$

ANSWERS

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Date: **Name:**

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

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[1] $\frac{4}{7} \times \frac{7}{8} = \frac{1}{2}$

[2] $\frac{2}{12} \times \frac{3}{14} = \frac{1}{28}$

[3] $\frac{5}{21} \times \frac{7}{13} = \frac{5}{39}$

[4] $\frac{1}{28} \times \frac{7}{10} = \frac{1}{40}$

[5] $6 \times \frac{8}{18} = \frac{8}{3} = 2\frac{2}{3}$

[6] $7 \times \frac{7}{35} = \frac{7}{5} = 1\frac{2}{5}$

[7] $\frac{8}{40} \times 8 = \frac{8}{5} = 1\frac{3}{5}$

[8] $\frac{8}{60} \times 10 = \frac{4}{3} = 1\frac{1}{3}$

[9] $\frac{5}{8} \times \frac{1}{15} = \frac{1}{24}$

[10] $\frac{4}{8} \times \frac{2}{18} = \frac{1}{18}$

[11] $\frac{3}{15} \times \frac{5}{10} = \frac{1}{10}$

[12] $\frac{3}{10} \times \frac{11}{12} = \frac{11}{40}$

[13] $9 \times \frac{3}{18} = \frac{3}{2} = 1\frac{1}{2}$

[14] $14 \times \frac{10}{70} = \frac{2}{1} = 2\frac{0}{1}$

[15] $\frac{7}{75} \times 15 = \frac{7}{5} = 1\frac{2}{5}$

[16] $\frac{6}{34} \times 17 = \frac{3}{1} = 3\frac{0}{1}$