Fractions: Multiplying Fractions and Whole Numbers (Cancelling) Solve each problem below. Where appropriate, simplify fully, and rename improper fractions as mixed numbers.			Date: <u>Name:</u>
$\begin{bmatrix} 1 \end{bmatrix} \frac{2}{5} \times \frac{7}{6} =$	$\begin{bmatrix} 2 \end{bmatrix} \frac{4}{15} \times \frac{3}{18} =$	$\begin{bmatrix} 3 \end{bmatrix} \frac{4}{18} \times \frac{6}{16} =$	$[4] \frac{3}{42} \times \frac{6}{7} =$
[5] 5 $\times \frac{7}{10} =$	[6] 6 $\times \frac{6}{12} =$	$\begin{bmatrix} 7 \end{bmatrix} \frac{6}{24} \times 8 =$	$\begin{bmatrix} 8 \end{bmatrix} \frac{6}{27} \times 9 =$
$\begin{bmatrix} 9 \end{bmatrix} \frac{3}{5} \times \frac{1}{6} =$	$\begin{bmatrix} 10 \end{bmatrix} \frac{7}{10} \times \frac{5}{9} =$	$\begin{bmatrix} 111 \\ \frac{6}{16} \times \frac{8}{11} \end{bmatrix} =$	$\begin{bmatrix} 12 \end{bmatrix} \frac{5}{15} \times \frac{17}{15} =$
[13] 10 $\times \frac{5}{40} =$	[14] 10 $\times \frac{8}{30} =$	$\begin{bmatrix} 15 \end{bmatrix} \frac{9}{72} \times 12 =$	$\begin{bmatrix} 16 \end{bmatrix} \frac{6}{39} \times 13 =$

ANSWERS

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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$$\begin{bmatrix} 11 & \frac{2}{5} \times \frac{7}{6} = \frac{7}{15} \\ \begin{bmatrix} 21 & \frac{4}{15} \times \frac{3}{18} = \frac{2}{45} \\ \begin{bmatrix} 31 & \frac{4}{18} \times \frac{6}{16} = \frac{1}{12} \\ \end{bmatrix} \\ \begin{bmatrix} 4 & \frac{3}{42} \times \frac{6}{7} = \frac{3}{49} \\ \end{bmatrix} \\ \begin{bmatrix} 5 & \frac{7}{10} = \frac{7}{2} = 3 \\ \frac{1}{2} \\ \end{bmatrix} \\ \begin{bmatrix} 6 & \frac{6}{12} = \frac{3}{1} = 3 \\ \frac{1}{1} = 3 \\ \end{bmatrix} \\ \begin{bmatrix} 7 & \frac{6}{24} \times 8 = \frac{2}{1} = 2 \\ \frac{0}{1} \\ \end{bmatrix} \\ \begin{bmatrix} 8 & \frac{6}{27} \times 9 \\ \frac{2}{1} = 2 \\ \frac{0}{1} \\ \end{bmatrix} \\ \begin{bmatrix} 8 & \frac{6}{27} \times 9 \\ \frac{2}{1} = 2 \\ \frac{0}{1} \\ \end{bmatrix} \\ \begin{bmatrix} 8 & \frac{6}{27} \times 9 \\ \frac{2}{1} = 2 \\ \frac{0}{1} \\ \end{bmatrix} \\ \begin{bmatrix} 9 & \frac{3}{5} \times \frac{1}{6} = \frac{1}{10} \\ \end{bmatrix} \\ \begin{bmatrix} 10 & \frac{7}{10} \times \frac{5}{9} = \frac{7}{18} \\ \end{bmatrix} \\ \begin{bmatrix} 11 & \frac{6}{16} \times \frac{8}{11} = \frac{3}{11} \\ \end{bmatrix} \\ \begin{bmatrix} 12 & \frac{5}{15} \times \frac{17}{15} = \frac{17}{45} \\ \end{bmatrix} \\ \end{bmatrix}$$

$$\begin{bmatrix} 13 \end{bmatrix} \quad 10 \quad \times \frac{5}{40} = \frac{5}{4} = 1 \quad \frac{1}{4} \qquad \begin{bmatrix} 14 \end{bmatrix} \quad 10 \quad \times \frac{8}{30} = \frac{8}{3} = 2 \quad \frac{2}{3} \qquad \begin{bmatrix} 15 \end{bmatrix} \quad \frac{9}{72} \times 12 = \frac{3}{2} = 1 \quad \frac{1}{2} \qquad \begin{bmatrix} 16 \end{bmatrix} \quad \frac{6}{39} \times 13 = \frac{2}{1} = 2 \quad \frac{0}{1} = 2 \quad \frac{1}{1} = 2 \quad \frac{1}{1$$