

Name : _____

Multiplying Fractions Exercise

Solve each question and reduce to the simplest form.

1 $\frac{5}{3} \times \frac{6}{9}$

2 $\frac{8}{4} \times \frac{8}{9}$

3 $\frac{6}{7} \times \frac{5}{8}$

4 $\frac{2}{20} \times \frac{5}{18}$

5 $\frac{2}{15} \times \frac{9}{20}$

6 $\frac{9}{12} \times \frac{36}{30}$

7 $\frac{5}{6} \times \frac{8}{7}$

8 $\frac{6}{10} \times \frac{5}{2}$

9 $\frac{8}{10} \times \frac{7}{6}$

10 $\frac{5}{4} \times \frac{7}{20}$

11 $\frac{2}{3} \times \frac{9}{11}$

12 $\frac{3}{12} \times \frac{4}{18}$

13 $\frac{9}{4} \times \frac{5}{18}$

14 $\frac{15}{21} \times \frac{7}{18}$

15 $\frac{6}{24} \times \frac{4}{11}$

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Answers.

$$\begin{aligned} 1 \quad & \frac{5}{3} \times \frac{6}{9} \\ & = 1\frac{1}{9} \end{aligned}$$

$$\begin{aligned} 2 \quad & \frac{8}{4} \times \frac{8}{9} \\ & = 1\frac{7}{9} \end{aligned}$$

$$\begin{aligned} 3 \quad & \frac{6}{7} \times \frac{5}{8} \\ & = \frac{15}{28} \end{aligned}$$

$$\begin{aligned} 4 \quad & \frac{2}{20} \times \frac{5}{18} \\ & = \frac{1}{36} \end{aligned}$$

$$\begin{aligned} 5 \quad & \frac{2}{15} \times \frac{9}{20} \\ & = \frac{3}{50} \end{aligned}$$

$$\begin{aligned} 6 \quad & \frac{9}{12} \times \frac{36}{30} \\ & = \frac{9}{10} \end{aligned}$$

$$\begin{aligned} 7 \quad & \frac{5}{6} \times \frac{8}{7} \\ & = \frac{20}{21} \end{aligned}$$

$$\begin{aligned} 8 \quad & \frac{6}{10} \times \frac{5}{2} \\ & = 1\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 9 \quad & \frac{8}{10} \times \frac{7}{6} \\ & = \frac{14}{15} \end{aligned}$$

$$\begin{aligned} 10 \quad & \frac{5}{4} \times \frac{7}{20} \\ & = \frac{7}{16} \end{aligned}$$

$$\begin{aligned} 11 \quad & \frac{2}{3} \times \frac{9}{11} \\ & = \frac{6}{11} \end{aligned}$$

$$\begin{aligned} 12 \quad & \frac{3}{12} \times \frac{4}{18} \\ & = \frac{1}{18} \end{aligned}$$

$$\begin{aligned} 13 \quad & \frac{9}{4} \times \frac{5}{18} \\ & = \frac{5}{8} \end{aligned}$$

$$\begin{aligned} 14 \quad & \frac{15}{21} \times \frac{7}{18} \\ & = \frac{5}{18} \end{aligned}$$

$$\begin{aligned} 15 \quad & \frac{6}{24} \times \frac{4}{11} \\ & = \frac{1}{11} \end{aligned}$$