

Name : \_\_\_\_\_

Score : \_\_\_\_\_

## Multiplying and Dividing Fractions

1  $\frac{10}{21} \times \frac{6}{14}$

2  $4\frac{1}{5} \div 2\frac{1}{2}$

3  $\frac{2}{8} \times 1\frac{1}{3}$

4  $4\frac{1}{8} \div \frac{3}{2}$

5  $\frac{3}{5} \times \frac{12}{81}$

6  $\frac{3}{10} \div \frac{12}{13}$

7  $1\frac{2}{3} \times 1\frac{1}{8}$

8  $\frac{12}{75} \div \frac{3}{35}$

9  $\frac{7}{9} \times \frac{16}{24}$

10  $\frac{15}{8} \div \frac{6}{7}$

11  $\frac{9}{63} \times \frac{15}{20}$

12  $\frac{56}{65} \div \frac{8}{13}$

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## Multiplying and Dividing Fractions

### Answers.

$$\begin{aligned} \text{① } & \frac{10}{21} \times \frac{6}{14} \\ & = \frac{10}{49} \end{aligned}$$

$$\begin{aligned} \text{② } & 4\frac{1}{5} \div 2\frac{1}{2} \\ & = 6\frac{7}{10} \end{aligned}$$

$$\begin{aligned} \text{③ } & \frac{2}{8} \times 1\frac{1}{3} \\ & = 1\frac{7}{12} \end{aligned}$$

$$\begin{aligned} \text{④ } & 4\frac{1}{8} \div \frac{3}{2} \\ & = 5\frac{5}{8} \end{aligned}$$

$$\begin{aligned} \text{⑤ } & \frac{3}{5} \times \frac{12}{81} \\ & = \frac{4}{45} \end{aligned}$$

$$\begin{aligned} \text{⑥ } & \frac{3}{10} \div \frac{12}{13} \\ & = \frac{13}{40} \end{aligned}$$

$$\begin{aligned} \text{⑦ } & 1\frac{2}{3} \times 1\frac{1}{8} \\ & = 2\frac{19}{24} \end{aligned}$$

$$\begin{aligned} \text{⑧ } & \frac{12}{75} \div \frac{3}{35} \\ & = 1\frac{13}{15} \end{aligned}$$

$$\begin{aligned} \text{⑨ } & \frac{7}{9} \times \frac{16}{24} \\ & = \frac{14}{27} \end{aligned}$$

$$\begin{aligned} \text{⑩ } & \frac{15}{8} \div \frac{6}{7} \\ & = 2\frac{3}{16} \end{aligned}$$

$$\begin{aligned} \text{⑪ } & \frac{9}{63} \times \frac{15}{20} \\ & = \frac{3}{28} \end{aligned}$$

$$\begin{aligned} \text{⑫ } & \frac{56}{65} \div \frac{8}{13} \\ & = 1\frac{2}{5} \end{aligned}$$