

## Dividing Fractions

**K**      **C**      **F**  
*Keep*    *Change*    *Flip*

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

$$\frac{3}{4} \cdot \frac{4}{1} = \frac{3}{1} = 3$$

$$\begin{array}{l}
 \omega \neq \pi \sigma \neq \\
 \omega \neq \cup \cdot \\
 \frac{\omega}{\omega} = \frac{\omega}{\omega}
 \end{array}$$



$$\begin{array}{l}
 \omega \neq \pi \sigma \neq \\
 \omega \neq \cup \cdot \\
 \frac{\omega}{\omega} = \frac{\omega}{\omega}
 \end{array}$$

$$\begin{array}{r}
 2 \\
 \cancel{9} \overline{) 8} \\
 \underline{9} \phantom{0} \\
 0 \\
 \phantom{0} \overline{) 4} \\
 \underline{4} \\
 0
 \end{array}$$



$$\begin{array}{r}
 3 \\
 \cancel{8} \overline{) 9} \\
 \underline{8} \phantom{0} \\
 1 \\
 \phantom{1} \overline{) 3} \\
 \underline{3} \\
 0
 \end{array}$$



⑤  $\frac{-3}{7} \div \frac{1}{2} =$

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

$\frac{-6}{7}$

⑥  $\frac{25}{3} \div \frac{15}{6} =$

$\frac{25}{3} \times \frac{6}{15}$

$\frac{50}{15}$

$\frac{10}{3}$

⑦  $\frac{-7}{10} \div 7 =$

$\frac{-7}{10} \times \frac{1}{7}$

$\frac{-1}{10}$

$$\textcircled{C} \quad -\frac{4}{5} \div -\frac{4}{3} =$$

~~$\frac{4}{5}$~~   $\times$   ~~$\frac{3}{4}$~~

$\frac{12}{20}$

$$\textcircled{G} \quad -\frac{7}{9} \div -\frac{21}{6} =$$

~~$\frac{7}{9}$~~   $\times$   ~~$\frac{6}{21}$~~

$\frac{2}{9}$

$$\textcircled{L} \quad \frac{11}{12} \div -\frac{33}{8} =$$

~~$\frac{11}{12}$~~   $\times$   ~~$\frac{8}{33}$~~

$-\frac{2}{9}$

$$\textcircled{Y} \quad \frac{5}{8} \div \frac{-7}{12} =$$

$$\frac{\cancel{5}^2}{\cancel{8}^2} \times \frac{\cancel{12}^3}{\cancel{7}^1}$$

$$\frac{-15}{14}$$

OR

$$-\frac{1}{14}$$

$$\textcircled{I} \quad \frac{-11}{4} \div \frac{2}{3} =$$

$$\frac{-11}{4} \times \frac{3}{2}$$

$$\frac{-33}{8}$$

OR

$$-\frac{4}{8}$$

$$\textcircled{P} \quad \frac{-45}{4} \div \frac{-15}{16} =$$

$$\frac{\cancel{-45}^3}{\cancel{4}^1} \times \frac{\cancel{16}^4}{\cancel{15}^1}$$

$$= \frac{12}{1} \text{ OR } \textcircled{12}$$

$$\textcircled{\text{A}} \quad \frac{-15}{13} \div \frac{-10}{11} =$$

$$\frac{-15}{13} \times \frac{-11}{10}$$

$$\frac{33}{26} \text{ or}$$

$$1 \frac{7}{26}$$

$$\textcircled{\text{V}} \quad \frac{-9}{10} \div \frac{-12}{5} =$$

$$\frac{-9}{10} \times \frac{-5}{12}$$

$$\frac{3}{8}$$

$$\textcircled{\text{H}} \quad \frac{6}{20} \div \frac{7}{10} =$$

$$\frac{6}{20} \times \frac{10}{7}$$

$$\frac{3}{7}$$

$$\textcircled{\text{E}} \quad \frac{5}{6} \div \frac{-7}{8} =$$
$$\frac{-20}{21}$$

$$\textcircled{\text{O}} \quad 3 \div \frac{-2}{3} =$$
$$\frac{-9}{2}$$

OR

$$-4\frac{1}{2}$$

$$\textcircled{\text{R}} \quad -10 \div \frac{-4}{7} =$$
$$\frac{35}{2}$$

OR

$$17\frac{1}{2}$$



$$\textcircled{\text{D}} \quad -\frac{8}{9} \div 2 =$$

$$-\frac{4}{9}$$

$$\textcircled{\text{U}} \quad \frac{4}{15} \div -\frac{14}{5} =$$

$$-\frac{2}{21}$$

$$\textcircled{\text{F}} \quad -\frac{48}{9} \div \frac{16}{21} =$$

$$-7$$

Worksheet 4-10

#5-25