

① $\$2.50 \div 0.10$

$$\begin{array}{r} .10 \overline{) 2.50} \\ \downarrow \\ 10 \overline{) 250} \\ \underline{-200} \\ 50 \\ \underline{-50} \\ 0 \end{array}$$

②

$$\begin{array}{r} 0.5 \times 3.5 \\ \begin{array}{r} \overset{\cancel{2}}{0.5} \rightarrow 1 \\ \times 3.5 \rightarrow +1 \\ \hline 25 \\ +150 \\ \hline 1.75 \end{array} \end{array}$$

③ $275 \div 50$

$$\begin{array}{r} 005.5 \\ 50 \overline{) 275.0} \\ \underline{-250} \\ 250 \\ \underline{-250} \\ 0 \end{array} \quad \begin{array}{r} 50 \\ \times 5 \\ \hline 250 \end{array}$$

④

$6 \div 0.5$

$$\begin{array}{r} 0.5 \overline{) 6} \\ \downarrow \\ 5 \overline{) 60} \\ \underline{-50} \\ 10 \\ \underline{-10} \\ 0 \end{array}$$

⑤ $492 \div 20.5$

$$\begin{array}{r} 20.5 \overline{) 492} \\ \downarrow \\ 205 \overline{) 4920} \\ \underline{-410} \\ 820 \\ \underline{-820} \\ 0 \end{array}$$

⑥

$3.5 \div 0.7$

$$\begin{array}{r} 0.7 \overline{) 3.5} \\ \downarrow \\ 7 \overline{) 35} \\ \underline{-35} \\ 0 \end{array}$$

⑦ 40×1.5

$$\begin{array}{r} 40 \\ \times 1.5 \rightarrow 1 \\ \hline 200 \\ + 400 \\ \hline 600.0 \end{array}$$

⑧ $4 \div 0.25$

$$\begin{array}{r} 0.25 \overline{)4.} \\ \downarrow \\ 25 \overline{)400.} \\ \underline{-25} \downarrow \\ 150 \\ \underline{-150} \\ 0 \end{array}$$

⑨ 6.1×8.2

$$\begin{array}{r} 6.1 \rightarrow 1 \\ \times 8.2 \rightarrow +1 \\ \hline 122 \\ + 4880 \\ \hline 50.02 \end{array}$$

⑩ 20×0.45

$$\begin{array}{r} 20 \\ \times .45 \rightarrow 2 \\ \hline 100 \\ + 800 \\ \hline 900 \end{array} \quad \begin{array}{r} 10.00 \\ - 9.00 \\ \hline 1.00 \end{array}$$

⑪ $7.5 \div 2$

$$\begin{array}{r} 3.75 \\ 2 \overline{)7.50} \\ \underline{-6} \downarrow \\ 15 \\ \underline{-14} \downarrow \\ 10 \\ \underline{-10} \\ 0 \end{array}$$

⑫ 0.4×0.25

$$\begin{array}{r} 0.4 \rightarrow 1 \\ \times 0.25 \rightarrow 2 \\ \hline 20 \\ + 080 \\ \hline 100 \end{array}$$

$$\textcircled{1} \quad \begin{array}{c} 2 \\ \hline 5 \end{array} \div \begin{array}{c} 8 \\ \hline 5 \end{array}$$

K F C

↓ ↓ ↓

$$\frac{2}{5} \cdot \frac{5}{8} \rightarrow \frac{1}{1} \cdot \frac{1}{4} = \frac{1}{4}$$

$$\textcircled{2} \quad 300 \times \frac{3}{4}$$

$$\frac{300}{1} \times \frac{3}{4} = \frac{900}{4} \rightarrow 225$$

$$300 + 225 = 525$$

$$\textcircled{3} \quad \begin{array}{c} 3 \\ \hline 4 \end{array} \div \begin{array}{c} 3 \\ \hline 8 \end{array}$$

K F C

↓ ↓ ↓

$$\frac{3}{4} \cdot \frac{8}{3} \rightarrow \frac{1}{1} \cdot \frac{2}{1} = \frac{2}{1} = 2$$

$$\textcircled{4} \quad \begin{array}{c} 1 \\ \hline 5 \end{array} \times 5$$

$$\frac{1}{5} \times 5 = \frac{5}{5} = 1$$

$$1 \frac{2}{5} + 7 = 8 \frac{2}{5}$$

$$\textcircled{5} \quad \frac{3}{5} \rightarrow \frac{5}{3}$$

reciprocal does NOT mean opposite!

$$\textcircled{6} \quad 6 \div \frac{1}{2}$$

$$\frac{6}{1} \div \frac{1}{2}$$

K F C

↓ ↓ ↓

$$\frac{6}{1} \cdot \frac{2}{1} = \frac{12}{1} = 12$$

$$\frac{15}{3} \rightarrow \text{what she needs}$$

$$\frac{12}{3} \rightarrow \text{what she has}$$

$$\textcircled{7} \quad A = L \cdot W$$

$$84 \div 10 \frac{1}{2}$$

$$10 \frac{1}{2} = \frac{21}{2}$$

$$\frac{84}{1} \div \frac{21}{2}$$

K F C

↓ ↓ ↓

$$\frac{84}{1} \cdot \frac{2}{21} \rightarrow \frac{4}{1} \cdot \frac{2}{1} = \frac{8}{1} = 8$$

$$\textcircled{8} \quad 3 \frac{1}{3} \div 5$$

$$3 \frac{1}{3} = \frac{10}{3}$$

$$\frac{10}{3} \div \frac{5}{1}$$

K F C

↓ ↓ ↓

$$\frac{10}{3} \cdot \frac{1}{5} \rightarrow \frac{2}{3} \cdot \frac{1}{1} = \frac{2}{3}$$

$$\textcircled{9} \quad \begin{array}{c} 3 \quad 12 \\ \hline 1 \quad 4 \end{array} \quad \text{GCF} = 3$$