

PERCENTAGES, DECIMALS, AND FRACTIONS

Please complete the following chart. The entire chart needs to be completed.

	DECIMAL	FRACTION	PERCENTAGE	
①	0.25	$\frac{25 \div 25}{100 \div 25} = \frac{1}{4}$	25%	
②	0.92	$\frac{92 \div 2}{100 \div 2} = \frac{46 \div 2}{50 \div 2} = \frac{23}{25}$	92%	
③	3.75	$3 \frac{75 \div 25}{100 \div 25} = 3 \frac{3}{4}$	375%	
④	0.4	$\frac{2}{5}$	40%	* Work on next page
⑤	0.3	$\frac{3}{10}$	30%	* " "
⑥	0.36	$\frac{36 \div 4}{100 \div 4} = \frac{9}{25}$	36%	* " "
⑦	0.50	$\frac{50 \div 50}{100 \div 50} = \frac{1}{2}$	50%	* " "

PLEASE MULTIPLY THE FOLLOWING FRACTIONS:

PLEASE DIVIDE THE FOLLOWING FRACTIONS:

⑧ $2 \frac{1}{2} \times \frac{6}{10} = \frac{5 \rightarrow 6}{2 \rightarrow 10} = \frac{30 \div 10}{20 \div 10} = \frac{3}{2}$

⑬ $3 \frac{1}{3} \div \frac{4}{5} = \frac{10}{3} \div \frac{4}{5} = \frac{10}{3} \cdot \frac{5}{4} = \frac{50 \div 2}{12 \div 2} = \frac{25}{6}$

⑨ $\frac{3}{7} \rightarrow \frac{2}{5} = \frac{6}{35}$

⑭ $4 \div \frac{3}{10} = \frac{4}{9} \cdot \frac{10}{3} = \frac{40}{27}$

⑩ $1 \frac{4}{9} \times \frac{10}{11} = \frac{13 \rightarrow 10}{9 \rightarrow 11} = \frac{130}{99}$

⑮ $\frac{6}{7} \div \frac{9}{10} = \frac{6}{7} \cdot \frac{10}{9} = \frac{60 \div 3}{63 \div 3} = \frac{20}{21}$

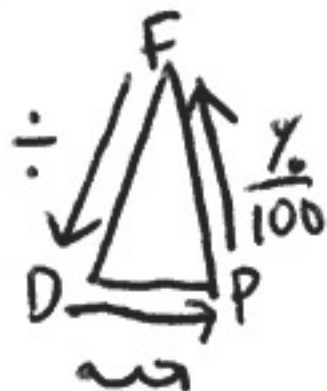
⑪ $\frac{15 \rightarrow 2}{16 \rightarrow 3} = \frac{30 \div 6}{48 \div 6} = \frac{5}{8}$

⑯ $4 \frac{3}{4} \div \frac{6}{7} = \frac{19}{4} \div \frac{6}{7} = \frac{19 \rightarrow 7}{4 \rightarrow 6} = \frac{133}{24}$

$\begin{array}{r} 6 \\ 19 \\ \times 7 \\ \hline 133 \end{array}$

⑫ $\frac{10 \rightarrow 15}{3 \rightarrow 2} = \frac{150 \div 6}{6 \div 6} = \frac{25}{1} = 25$

⑰ $1 \frac{1}{2} \div 3 = 1 \frac{1}{2} \div \frac{3}{1} = \frac{3}{2} \div \frac{3}{1} = \frac{3}{2} \cdot \frac{1}{3} = \frac{3 \div 3}{2 \div 3} = \frac{1}{2}$



④ $\frac{F}{5} \rightarrow \frac{D}{5} \begin{array}{r} 0.4 \\ 2 \uparrow 0 \\ -20 \\ \hline 0 \end{array} \rightarrow \frac{P}{40} = 40\%$

⑤ $\frac{F}{3} \rightarrow \frac{D}{10} \begin{array}{r} 0.3 \\ 3 \uparrow 0 \\ -30 \\ \hline 0 \end{array} \rightarrow \frac{P}{30} = 30\%$

⑥ $\frac{F}{9} \rightarrow \frac{D}{25} \begin{array}{r} 0.36 \\ 9 \uparrow 00 \\ -75 \downarrow \\ \hline 150 \\ -150 \\ \hline 0 \end{array}$

⑦ $\frac{D}{0.50} \rightarrow \frac{P}{0.50} = 50\% \rightarrow \frac{F}{50 \div 50} = \frac{1}{2}$