

Finding Percents Strategies

① Any sensible strategy you have used already
($15\% = 10\% + 5\%$
 $20\% = 10\% \times 2$)

② Divide by 100 to find 1%.
Then multiply by whatever percent you are trying to find
Ex: 13.2% of 17

$$17 \div 100 = 0.17$$

1% is 0.17

multiply 0.17

$$\begin{array}{r} \times 13.2 \\ \hline 1034 \\ 0510 \\ + 1700 \\ \hline 2.244 \end{array}$$

16.4% of 32

$$\begin{array}{r} 111 \\ 0.32 \\ \times 16.4 \\ \hline 128 \\ 1920 \\ 3200 \\ \hline 5.248 \end{array}$$

③ Convert the percent to a fraction out of 100 and multiply

15% of 48

$$15\% = \frac{15}{100}$$

% means
"out of 100"

$$\frac{15}{100} \text{ of } 48$$

$$\frac{15}{100} \cdot \frac{48}{1} = \frac{720}{100}$$

$$\begin{array}{r} 480 \quad (48 \times 10) \\ + 240 \quad (48 \times 5) \\ \hline 720 \end{array}$$

$$\frac{720}{100} = 7.20$$