

## PERCENT TO DECIMAL

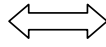
## ANSWERS

HARD WAY

$$58\% = \frac{58}{100} = 0.58$$

A PERCENT IS OUT OF 100.

SAME ANSWER



SIMPLE WAY

$$58\% = .58 = 0.58$$

MOVE THE DECIMAL 2 SPACES TO THE LEFT.

REMEMBER, IF THE DECIMAL IS NOT IN SIGHT IT'S ON THE RIGHT.

### WRITE THE PERCENT AS A DECIMAL.

1.  $8\% = \underline{0.08}$    2.  $99\% = \underline{0.99}$    3.  $73\% = \underline{0.73}$    4.  $25\% = \underline{0.25}$

MOVE THE DECIMAL TWO SPACES TO THE LEFT.

5.  $120\% = \underline{1.2}$    6.  $18\% = \underline{0.18}$    7.  $41\% = \underline{0.41}$    8.  $83\% = \underline{0.83}$

9.  $.8\% = \underline{0.008}$    10.  $200\% = \underline{2}$    11.  $4.1\% = \underline{0.041}$    12.  $57\% = \underline{0.57}$

13.  $6.3\% = \underline{0.063}$    14.  $46\% = \underline{0.46}$    15.  $165\% = \underline{1.65}$    16.  $2\% = \underline{0.02}$

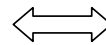
## DECIMAL TO PERCENT

HARD WAY

$$0.127 = \frac{127 \div 10}{1,000 \div 10} = \frac{12.7}{100} = 12.7\%$$

A PERCENT IS OUT OF 100 NOT 1,000.

SAME ANSWER



SIMPLE WAY

$$0.127 = 0.12.7 = 12.7\%$$

MOVE THE DECIMAL 2 SPACES TO THE RIGHT.

### WRITE THE DECIMAL AS A PERCENT.

1.  $0.8 = \underline{80\%}$    2.  $0.38 = \underline{38\%}$    3.  $0.94 = \underline{94\%}$    4.  $0.05 = \underline{5\%}$

MOVE THE DECIMAL TWO SPACES TO THE RIGHT.

5.  $1.5 = \underline{150\%}$    6.  $0.52 = \underline{52\%}$    7.  $0.75 = \underline{75\%}$    8.  $0.2 = \underline{20\%}$

9.  $0.001 = \underline{0.1\%}$    10.  $0.089 = \underline{8.9\%}$    11.  $8 = \underline{800\%}$    12.  $0.47 = \underline{47\%}$

13.  $0.63 = \underline{63\%}$    14.  $2 = \underline{200\%}$    15.  $0.9 = \underline{90\%}$    16.  $0.15 = \underline{15\%}$