

PERCENT TO DECIMAL

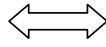
ANSWERS

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. $25\% = \underline{0.25}$

.08.

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. $2\% = \underline{0.02}$

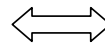
DECIMAL TO PERCENT

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. $0.05 = \underline{5\%}$

0.80.

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. $0.15 = \underline{15\%}$