

% of change ① subtract original  
 ② divide  
 ③ multiply by 100

ex: original \$55       $\frac{8.25}{55} =$   
 discount ?       $0.15(100)$   
 sale price \$46.75       $15\%$

Looking for original after a sale price given

original ?       $100\% - 75\% = 25\%$   
 discount 75%  
 sale price \$74.75       $\frac{74.75}{0.25} = \boxed{\$299}$

To find sale price x and -  
 original \$30       $30(0.10) = 3$   
 discount 10%  
 sale price ?       $30 - 3 = \boxed{\$27}$

To find selling price x and +  
 original \$30       $30(0.60) = 18$   
 markup 60%  
 selling price ?       $30 + 18 = \boxed{\$48}$

$$\boxed{I = prt} \quad t = \text{mos} \div 12$$

↓  
% → dec.

Interest earned ?  
 principal: \$1200  
 rate: 2%  
 Time: 5 years

$$I = (1200)(0.02)(5) = \$120$$

Interest earned \$119.88  
 principal: ?  
 rate: 3.6%  
 time: 3 years

$$119.88 = (0.036)(3)p$$

$$\rightarrow \frac{119.88}{0.108} = \frac{0.108p}{0.108}$$

$$\boxed{\$1110 = p}$$