$$A = Pe^{rt}$$
  $A = 20000$ 

$$P = \frac{A}{e^{rt}}$$
  $r = 0.052$   $P = ?$ 

$$A = Pe^{rt}$$
 let  $\frac{A}{p} = 2$ 

$$h(2) = rt$$

$$t = \frac{h(2)}{r}$$