

\$ 5,000,000,000.00

$$[5 \times 10^9 \text{ sec}] \left[\frac{1 \text{ MIN}}{60 \cancel{\text{s}}} \right] \left[\frac{\cancel{\text{HR}}}{60 \cancel{\text{MIN}}} \right] \left[\frac{\cancel{\text{DAY}}}{24 \cancel{\text{HR}}} \right] \left[\frac{1 \text{ (yr)}}{365 \cancel{\text{ DAYS}}} \right]$$

$$\frac{(5)(10^9)}{(60)(60)(24)(365)} = \underbrace{(000000159)}_{159 \text{ yr}} (10^9)$$

↖ 10⁹

$$[5,000,000,000 \cancel{\text{sec}}] \left[\frac{\cancel{\text{hr}}}{3600 \cancel{\text{s}}} \right] = [1388888.90 \cancel{\text{hr}}] \left[\frac{\cancel{\text{d}}}{24 \cancel{\text{hr}}} \right] =$$

$$[57870.37 \cancel{\text{d}}] \left[\frac{\cancel{\text{yr}}}{365 \cancel{\text{d}}} \right] = \underline{\underline{158.55 \text{ yr}}} \checkmark$$

Take 15000! \checkmark

$$[5 \times 10^9 \cancel{\text{s}}] \left[\frac{\cancel{\text{hr}}}{3600 \cancel{\text{s}}} \right] \left(\frac{\cancel{\text{d}}}{24 \cancel{\text{hr}}} \right) \left(\frac{\text{yr}}{365 \cancel{\text{days}}} \right)$$

$$\left[\frac{(5)}{(3600)(24)(365)} \right] = 0.000000159 (10^9)$$

(159 years)