

(3, 5, 10, 15, 20, 30 yrs)

$$\textcircled{3} A = 252.17 \left[\frac{\left(1 + \frac{.08}{12}\right)^{36} - 1}{\left(\frac{.08}{12}\right)} \right]$$

$\$10,221.85$

$$\textcircled{5} A = 252.17 \left[\frac{\left(1 + \frac{.08}{12}\right)^{60} - 1}{\left(\frac{.08}{12}\right)} \right]$$

$\$18,528.66$

$$\textcircled{10} \quad A = \frac{252.17 \left[\left(1 + \frac{.08}{12} \right)^{120} - 1 \right]}{\left(\frac{.08}{12} \right)}$$

$\$46,133.50$

$$\textcircled{15} \quad A = \frac{252.17 \left[\left(1 + \frac{.08}{12} \right)^{180} - 1 \right]}{\left(\frac{.08}{12} \right)}$$

$$\textcircled{20} \quad A = \frac{252.17 \left[\left(1 + \frac{.08}{12}\right)^{240} - 1 \right]}{\left(\frac{.08}{12}\right)}$$

$\$148,533.28$

$$\textcircled{30} \quad A = \frac{252.17 \left[\left(1 + \frac{.08}{12}\right)^{360} - 1 \right]}{\left(\frac{.08}{12}\right)}$$

$\$375,823.94$