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1°

$$P = 150,000$$

$$F = 8$$

$$150,000 \left(1 + .315 \frac{180}{360}\right)^{\frac{540}{180}} = 232,623.86$$

$$T = 6 \text{ meses}$$

$$I = 31.5\%$$

2° $TN = .03$

$$\frac{360}{30} = 36\%$$

$$2.032794$$

$$24$$

$$P = 60,000$$

$$60,000 \cdot \left(1 + .36 \frac{30}{360}\right)^{\frac{720}{30}} = 829,516$$

3°

$$\left(\frac{0.05}{1-0.05}\right) \times \left(\frac{360}{40-10}\right) = 63.15\%$$

$$.6315 \times \frac{10}{360} = 1.75\%$$

$$\begin{array}{r} 45,790 \\ \times .0175 \\ \hline 44,988.67 \end{array}$$

$$\begin{array}{r} 45,790 \\ - 44,988.67 \\ \hline 801.33 \end{array}$$

4: Interest Simple

$$P = 10,000 \times .05 = 500 \times 4 = 2,000 + 10,000 = 12,000$$

$$F = 10,000 (1 + .05)^{\frac{4}{1}} = 12,155.06 \checkmark$$

5:

$$P = 10,000$$

$$F = 10,000 \times (1 + .035)^{\frac{3}{1}} = 11,087.17$$