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Calcula el interes Simple mensual que hay que cobrar, para que un capital de \$ 25,000 genere un interes de \$ 2,750 si el prestamo estara vigente por 6 meses

$$C = 25,000$$

$$M = 27,750$$

$$I = 2,750$$

$$t = \text{Seis meses}$$

$$t = 3/6 = 0.5$$

$$6/12 = 0.5$$

$$i = ?$$

$$i = \frac{2,750}{25,000} = 0.11$$

$$i = 0.11 \times 100 = 11\%$$

$$i = 0.11 \times 2 = 0.22$$

$$M = C + I$$

$$27,750 = 25,000 + 2,750$$

$$2,750 \quad C \quad 25,000 \quad (0.22) \quad (3/6)$$

$$M = C + C \cdot i \cdot t$$

$$M = 25,000 + 25,000 (0.22) (3/6)$$

$$M = 25,000 + (25,000 (0.22) (3/6))$$

$$M = 25,000 + (25,000 (0.22) (0.5))$$

$$M = 25,000 + (25,000 (0.11))$$

$$M = 25,000 + (2,750)$$

$$M = 25,000 + 2,750 = \underline{27,750}$$