

4

$$C_0 = 8000$$

$$C_n = 8930$$

$$\frac{2015}{X_0} \quad \text{?} \quad \text{Feet}$$

$$i^3 = 2\%$$

↓

$$i = (1.02)^3 - 1 = 0.061208 \text{ anual}$$

$$C_n = C_0 (1+i)^n$$

$$8930 = 8000 (1.061208)^n \Rightarrow n = 1.85182869 \text{ años} \Rightarrow \underline{1 \text{ año}}$$

$$\begin{array}{r} \times 12 \\ 20' 21419443 \end{array} \Rightarrow \underline{10 \text{ m}}$$

$$\begin{array}{r} \times 30 \\ 6' 42583284 \end{array} \Rightarrow \underline{7 \text{ d.}}$$

||

⑥ $\boxed{29/3/X_2}$

5

$$i^3 = 3\%$$

$$i = (1.03)^3 - 1 = 0.092727$$

$$8930 = 8000 (1.092727)^n \Rightarrow n = 1.240181659 \text{ años}$$

$$i^3 = 4\%$$

$$i = (1.04)^3 - 1 = 0.124864$$

$$8930 = 8000 (1.124864)^n \Rightarrow n = 0.934666417 \text{ años}$$

$$\uparrow i \Rightarrow \downarrow n$$

④