

①

Inversión \$100 mil
Interés 10% Anual
Plazo 5 Años

$$M = C \cdot (1 + i)^t$$

$$M = 100,000 * (1 + 0.10)^5$$

$$M = 100,000 * 1.61051$$

$$M = \underline{\$161,051}$$

② Inversión \$250 mil
Interés 12%
Plazo 3 Años

$$C = M \cdot (1 + i)^{-t}$$

$$C = 250,000 * (1 + 0.12)^{-3}$$

$$C = 250,000 * (0.7117)$$

$$C = \underline{\$177,945}$$

Libreta Tránsito

③ Inversión 150 mil
Plazo 5 Años
Cap. Fijal 500 mil

$$i = \frac{J}{M}$$

$$i = \sqrt[5]{\frac{M}{C}} - 1$$

$$i = \sqrt[5]{\frac{500,000}{150,000}} - 1$$

$$i = \sqrt[5]{2.3333}$$

$$i = 1.18$$

④

Investment

120 mil

interest

11%

1020

5 years

$$M = C \times (1 + i)^t$$

$$M = 120,000 \times (1 + 0.11)^5$$

$$M = 120,000 \times (1.61051)$$

$$M = \underline{193,261}$$