

No

Date

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$$1. FV_n = PV_0 (1+r)^n$$

$$FV_5 = 100.000 (1+0,03)^5$$

$$= 100.000 (1,03)^5$$

$$= 100.000 (1,159)$$

$$= 115.900$$

$$2. 5.000.000 = X \cdot FVIFA (8\% \cdot 5) \rightarrow \text{tabel future value}$$

$$= X \cdot 5,866$$

$$X = \frac{5.000.000}{5,866}$$

$$= 852.369,59$$

$$3. PV_0 = \frac{FV_n}{(1+r)^n}$$

$$= \frac{10.000.000}{(1+0,1)^1}$$

$$= \frac{10.000.000}{1,1}$$

$$= 9.090.909$$

$$= 9.090.909$$

$$PV_0 = \frac{FV_n}{(1+r)^n}$$

$$= \frac{9.090.909}{(1+0,15)^1}$$

$$= \frac{9.090.909}{1,15}$$

$$= 7.905.138,26$$

$$= 7.905.138,26$$