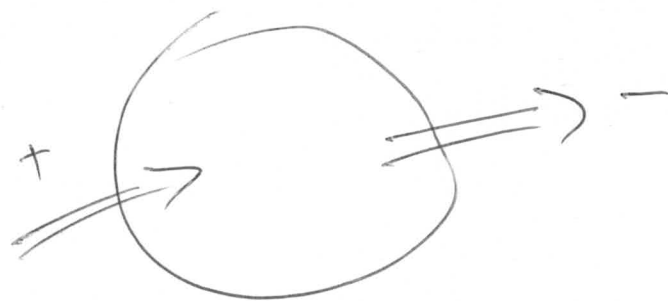


$$FV = PV (1+r)^n \quad "n = t"$$



$$\underline{FV = PV (1+r)^n}$$

$$2A = A (1+r)^n$$

$$\underline{2 = (1+r)^n}$$

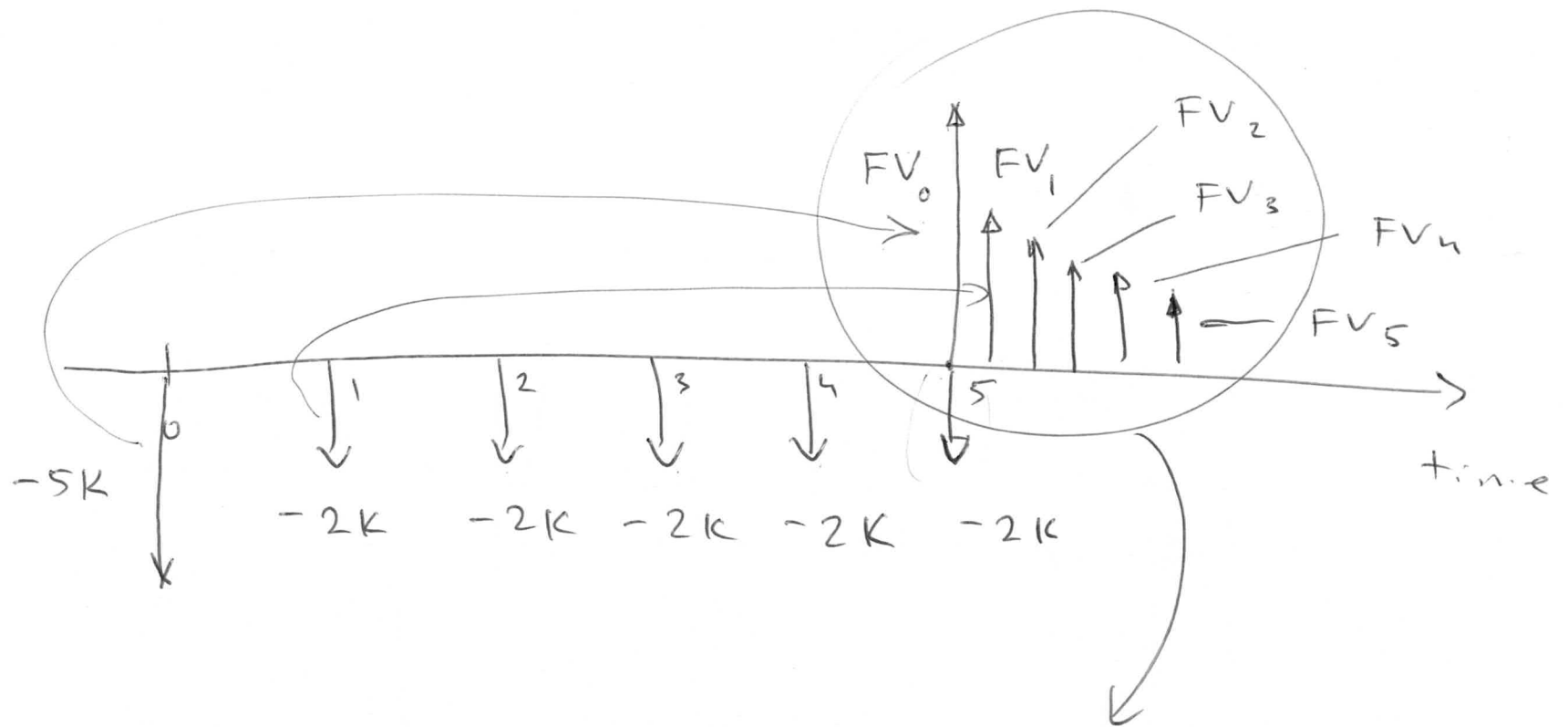
algebra ↓

↑  
given

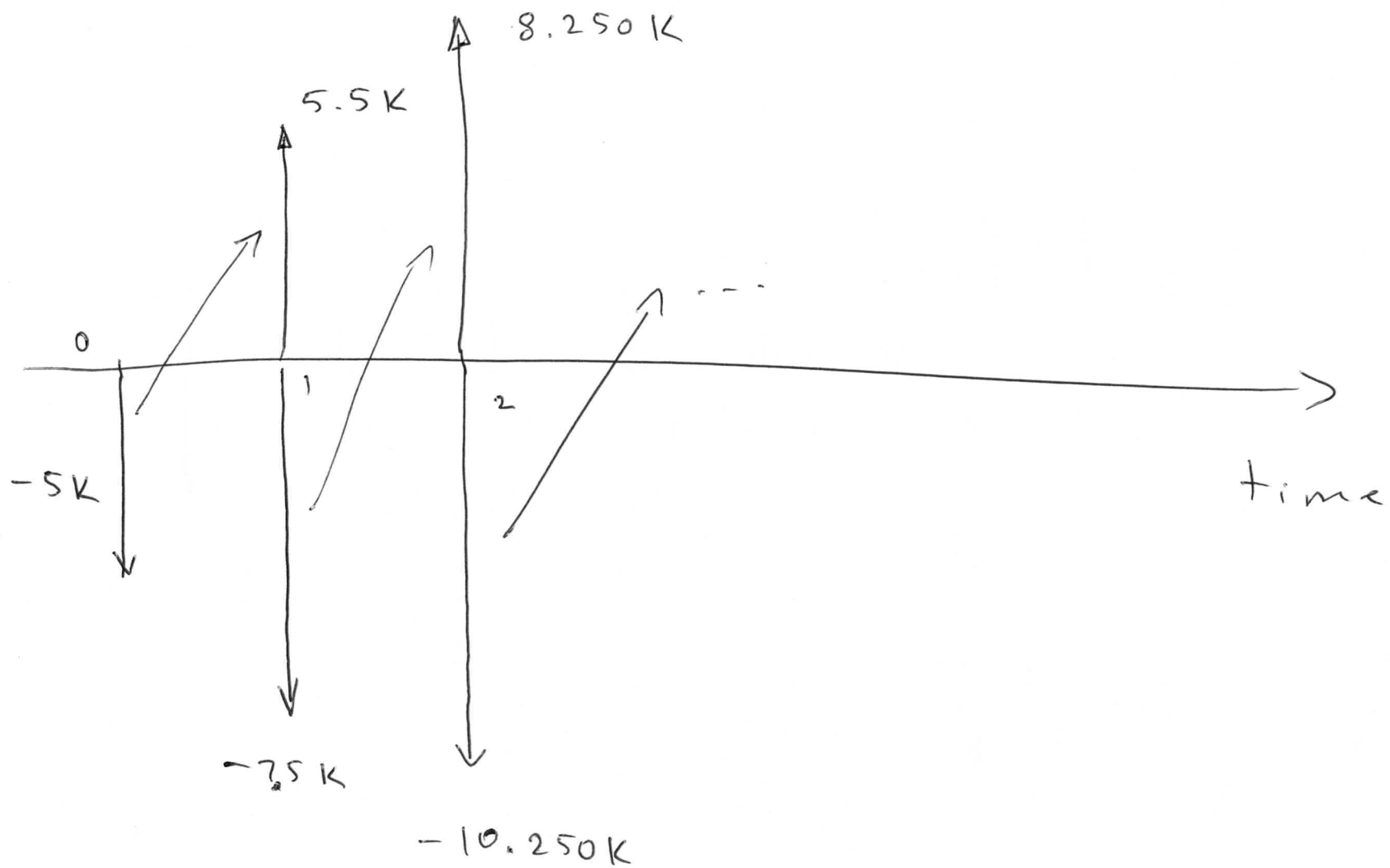
$$\underline{n = \frac{\ln 2}{\ln(1+r)}}$$

$$PV = A$$

$$FV = 2A$$



"all i have in the bank"



$$PV = PV_1 + PV_2$$

10%

