

$x = 30$

$$15 + 30 \cdot 0.9 + 1.8 y = 100 + 4$$

$$y = \frac{62}{1.8} = 34$$

$$15 \cdot 1.0175^{30} + 1.125 \cdot (1 + a_{20}) + 2.25 \cdot a_{34} = 100$$

$$a_{34} = 13.717 \quad \text{og: } 6.408 \text{ pCt. pr. Termin.}$$

$x = 0$

$$15 + 1.8 y = 100 + 4 + 4$$

$$y = \frac{93}{1.8} = 51$$

$$15 + 2.25 \cdot a_{51} = 100$$

$$a_{51} = 37.778 \quad \text{og: } 1.25 \text{ pCt. pr. Termin.}$$