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$i = ?$

$$1 \cdot (1+i)^{10} = 1,2 \cdot (1+i)^7 \quad | : (1+i)^7$$

$$\frac{1 \cdot (1+i)^{10}}{(1+i)^7} = 1,2 \quad | : 1$$

$$\frac{1 \cdot (1+i)^{10-3}}{1 \cdot (1+i)^{7-1}} = \frac{1,2}{1}$$

$$1 \cdot (1+i)^3 = \frac{1,2}{1} \quad | \sqrt[3]{\quad}$$

$$1+i = \sqrt[3]{\frac{1,2}{1}} \quad | -1$$

$$i = \sqrt[3]{\frac{1,2}{1}} - 1 = 0,0627 \approx 6,27\%$$