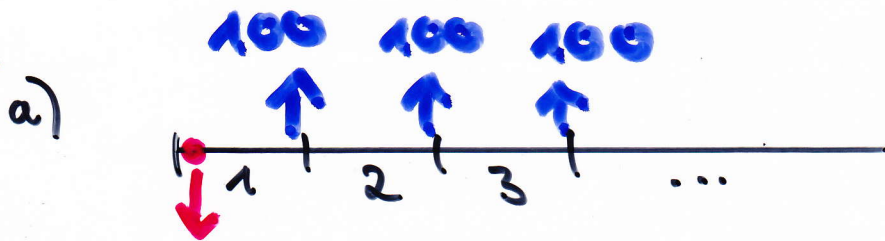
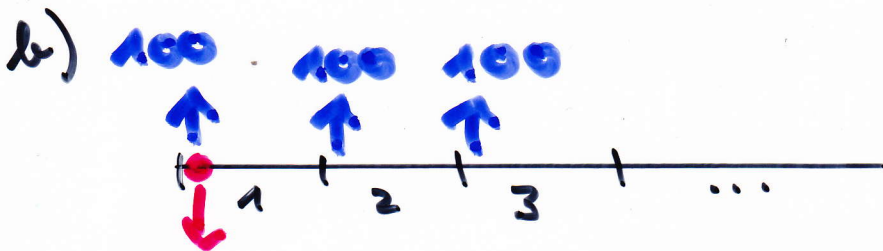


Aufgabe 9.2



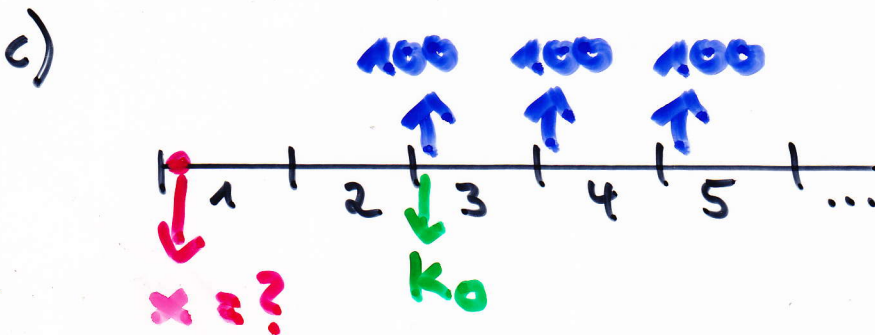
$$K_0 = ?$$

$$100 = K_0 \cdot 0,025 \Leftrightarrow K_0 = \frac{100}{0,025} = 4000$$



$$K_0 = ?$$

$$100 = \frac{K_0 \cdot 0,025}{1,025} \Leftrightarrow K_0 = \frac{100 \cdot 1,025}{0,025} = 4100$$



$$x \cdot 1,025^2 = 4100 = K_0$$

nach b)

$$\Leftrightarrow x = \frac{4100}{1,025^2} = 3902,44$$

Aufgabe 9.2 c)

2. Lösungsweg:

$$\frac{(x \cdot q^2) \cdot i}{q} = 100 \quad (\Leftrightarrow)$$

$$x \cdot q \cdot i = 100 \quad (\Leftrightarrow)$$

$$x = \frac{100}{q \cdot i} = \frac{100}{1,025 \cdot 0,025} = 3902,44$$