

**Aufgabe 3**

$$a = 1 + \frac{p}{100}$$

a) 7% Wachstum:  $1 + \frac{7}{100} = 1,07$

b) 0,9% Wachstum:  $1 + \frac{0,9}{100} = 1,009$

c) 5% Abnahme:  $1 - \frac{5}{100} = 0,95$

d) 7,5% Abnahme:  $1 - \frac{7,5}{100} = 0,925$

e) 250% Wachstum:  $1 + \frac{250}{100} = 3,5$

f) 0,5% Abnahme:  $1 + \frac{0,5}{100} = 1,005$

**Aufgabe 4**

$$a = 1 + \frac{p}{100}$$

a)  $1,03 = 1 + 0,03 = 1 + \frac{3}{100}$  also 3% Wachstum.

b)  $1,8 = 1 + 0,8 = 1 + \frac{80}{100}$  also 80% Wachstum.

c)  $0,95 = 1 - 0,05 = 1 - \frac{5}{100}$  also 5% Abnahme.

d)  $2,5 = 1 + 1,5 = 1 + \frac{150}{100}$  also 150% Wachstum.

- e)  $1,3 = 1 + 0,3 = 1 + \frac{30}{100}$  also 30% Wachstum.
- f)  $0,5 = 1 - 0,5 = 1 - \frac{50}{100}$  also 50% Abnahme.
- g)  $0,995 = 1 - 0,005 = 1 - \frac{0,5}{100}$  also 0,5% Abnahme.
- h)  $1,025 = 1 + 0,025 = 1 + \frac{2,5}{100}$  also 2,5% Wachstum.
- i)  $0,8 = 1 - 0,2 = 1 - \frac{20}{100}$  also 20% Abnahme.
- j)  $2 = 1 + 1 = 1 + \frac{100}{100}$  also 100% Wachstum.
- k)  $3 = 1 + 2 = 1 + \frac{200}{100}$  also 200% Wachstum.
- l)  $0,1 = 1 - 0,9 = 1 - \frac{90}{100}$  also 90% Abnahme.