

$$2) \quad F = m \cdot g \quad \begin{array}{l} \xrightarrow{|:m} \\ \xrightarrow{|:g} \end{array} \quad \begin{array}{l} g = \frac{F}{m} \\ m = \frac{F}{g} \end{array}$$

$$P = \frac{F}{A} \quad | \cdot A$$

$$P \cdot A = F \quad | : P \quad \text{nach Seiten tauschen: } F = p \cdot A$$

$$A = \frac{F}{P}$$

$$W = F \cdot s \quad \begin{array}{l} \xrightarrow{|:F} \\ \xrightarrow{|:s} \end{array} \quad \begin{array}{l} s = \frac{W}{F} \\ F = \frac{W}{s} \end{array}$$

$$P = \frac{W}{t} \quad | \cdot t$$

$$P \cdot t = W \quad | : P \quad \rightarrow \text{daraus } W = P \cdot t$$

$$t = \frac{W}{P}$$

$$3) \quad W = m \cdot g \cdot h \quad | : (m \cdot g)$$

$$\frac{W}{m \cdot g} = h$$

$$h = \frac{W}{m \cdot g}$$

$$P = \frac{F \cdot h}{t} \quad | \cdot t$$

$$P \cdot t = F \cdot h \quad | : F$$

$$h = \frac{P \cdot t}{F}$$