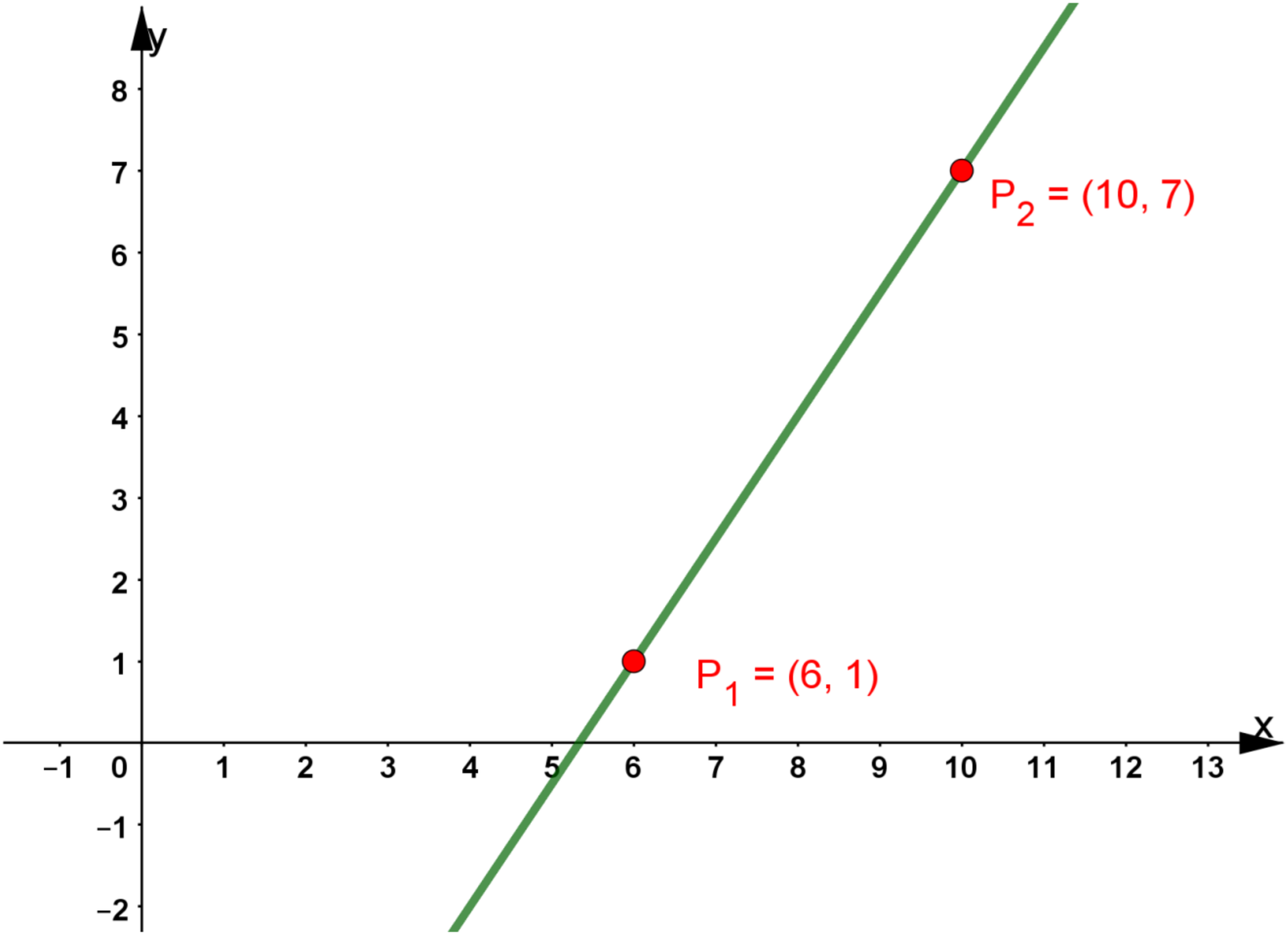

$$f(x) = m \cdot x + b$$

$$f(6) = m \cdot 6 + b = 1$$
$$f(10) = m \cdot 10 + b = 7$$

$$\begin{vmatrix} 6m + b = 1 \\ 10m + b = 7 \end{vmatrix} \begin{matrix} (1) \\ (2) \end{matrix}$$

(2) − (1)

$$4m = 6 \quad | : 4$$
$$m = \frac{6}{4} = \frac{3}{2}$$

Einsetzen in (1)

$$\cancel{6}^{3} \cdot \frac{3}{\cancel{2}_{1}} + b = 1$$

$$9 + b = 1 \quad | -9$$
$$b = -8$$

$$f(x) = \frac{3}{2}x - 8$$