Name: _____ Datum: _____

Aufgabe 1:

$$f(x) = x^2 + 5x - 2 \tag{1}$$

$$f(x) = x^2 + 5x + \left(\frac{5}{2}\right)^2 - \left(\frac{5}{2}\right)^2 - 2 \tag{2}$$

$$f(x) = (x + \frac{5}{2})^2 - \left(\frac{5}{2}\right)^2 - 2 \tag{3}$$

$$f(x) = (x + \frac{5}{2})^2 + 4.25 \tag{4}$$