

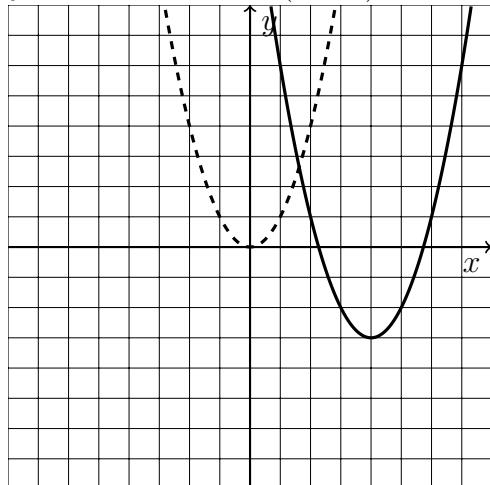
## Quadratische Funktionen

## Lösungen+

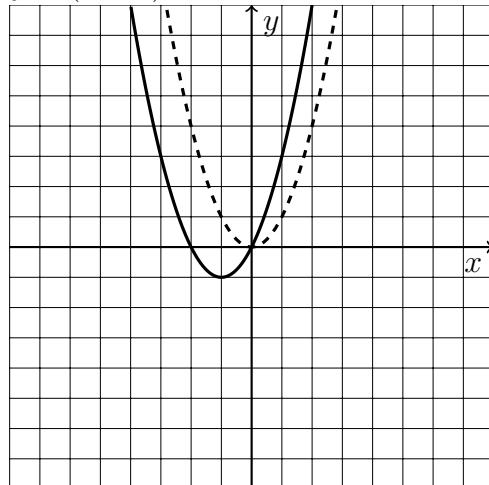
## Übungsblatt 4

Skizziere die Graphen. Ein Häuschen entspricht einer Einheit.

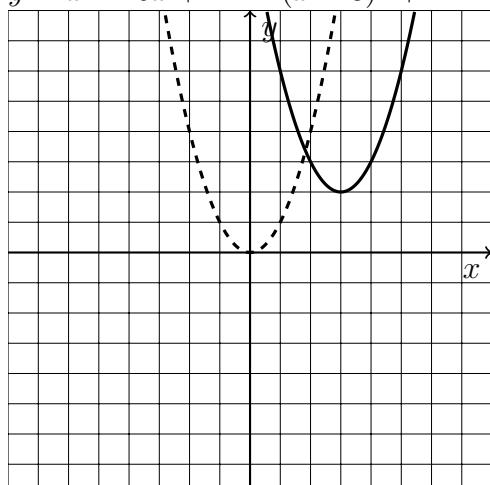
$$y = x^2 - 8x + 13 = (x - 4)^2 - 3$$



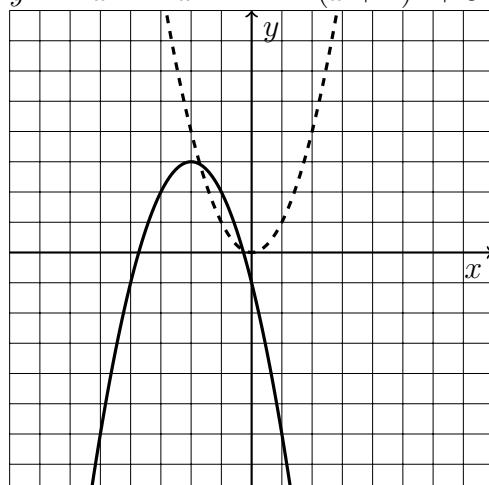
$$y = (x + 1)^2 - 1$$



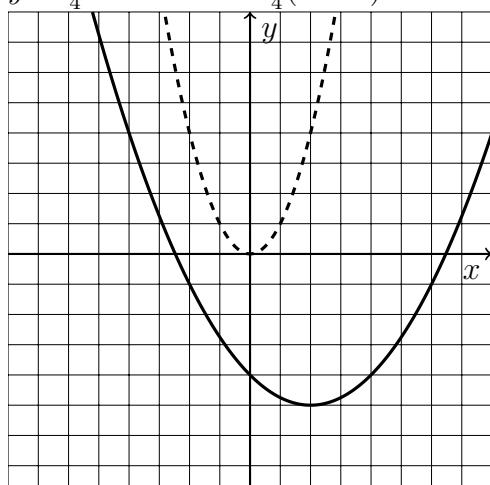
$$y = x^2 - 6x + 11 = (x - 3)^2 + 2$$



$$y = -x^2 - 4x - 1 = -(x + 2)^2 + 3$$



$$y = \frac{1}{4}x^2 - x - 4 = \frac{1}{4}(x - 2)^2 - 5$$



$$y = -2x^2 + 20 - 44 = -2(x - 5)^2 + 6$$

