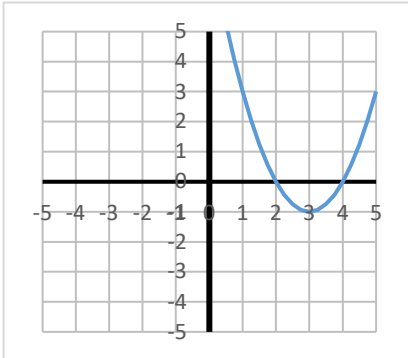


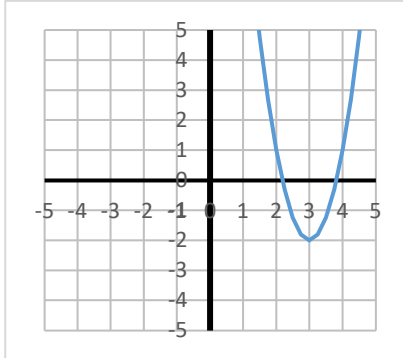
Quadratische Funktionen am Graph ablesen

Aufgabe 1: Gib die Funktionsgleichung in Scheitelpunktform an.

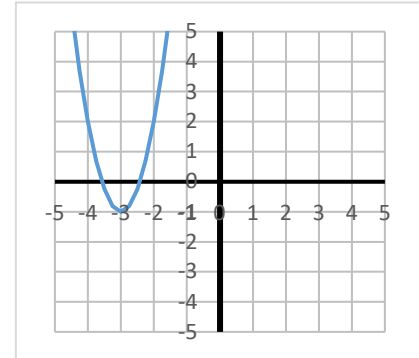
a) $f(x) =$



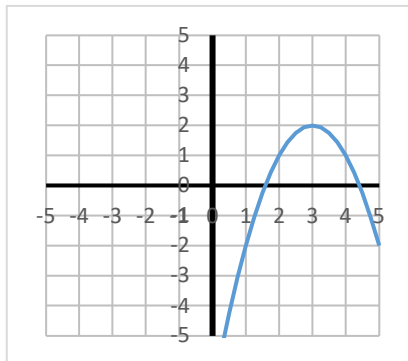
b) $f(x) =$



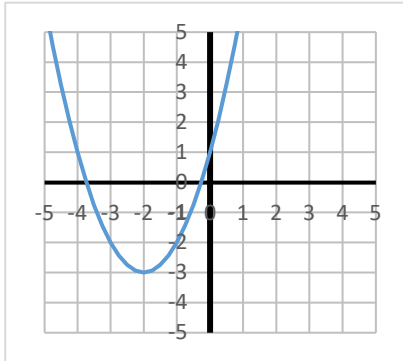
c) $f(x) =$



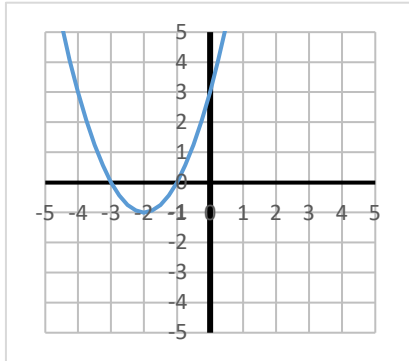
d) $f(x) =$



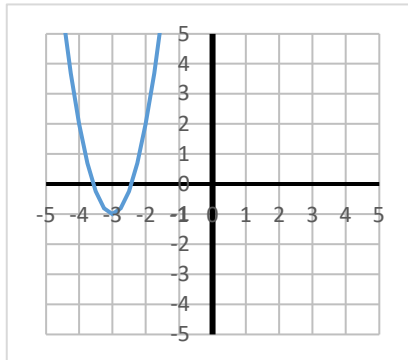
e) $f(x) =$



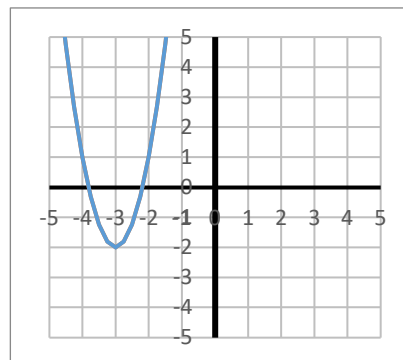
f) $f(x) =$



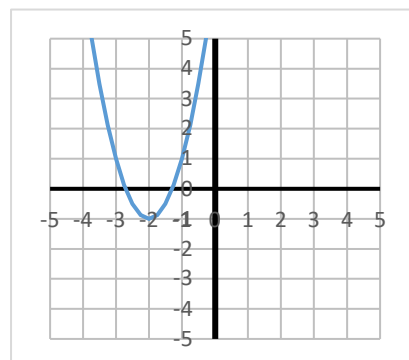
g) $f(x) =$



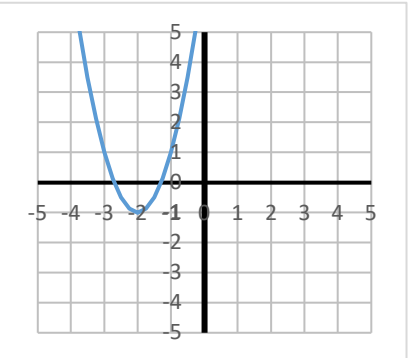
h) $f(x) =$



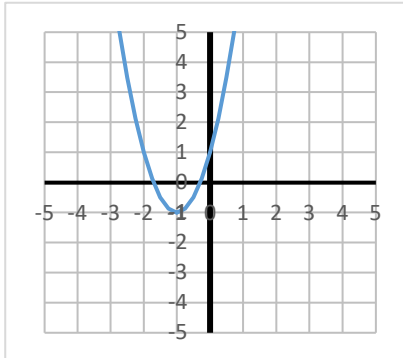
i) $f(x) =$



j) $f(x) =$



k) $f(x) =$



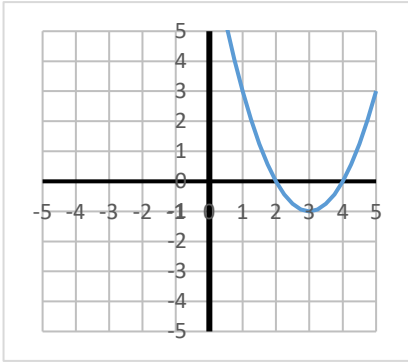
Erklärvideo



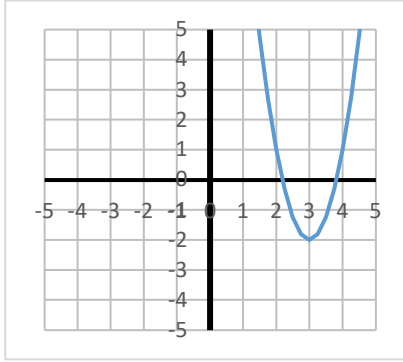
Lösung:

Aufgabe 1:

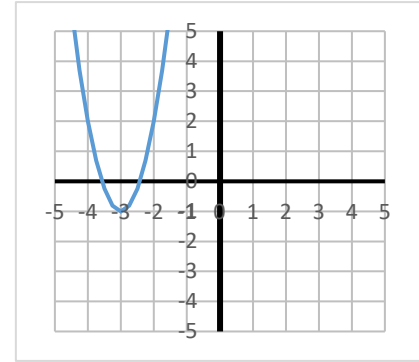
a) $f(x) = 1 \cdot (x - 3)^2 - 1$



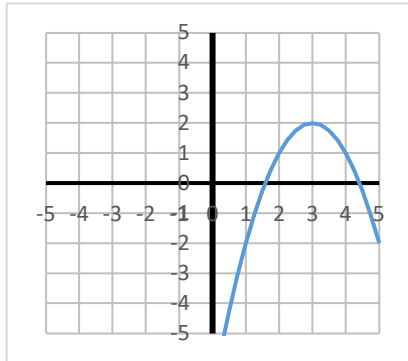
b) $f(x) = 3 \cdot (x - 3)^2 - 2$



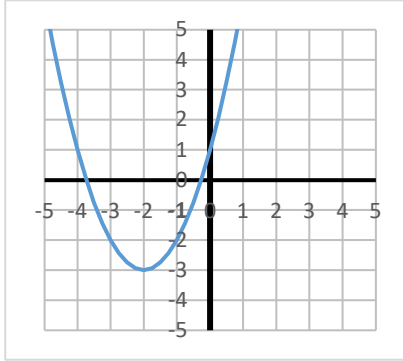
c) $f(x) = 3 \cdot (x + 3)^2 - 1$



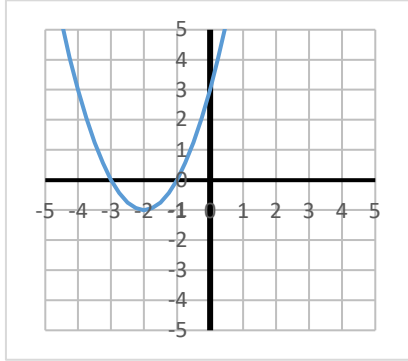
d) $f(x) = -1 \cdot (x - 3)^2 + 2$



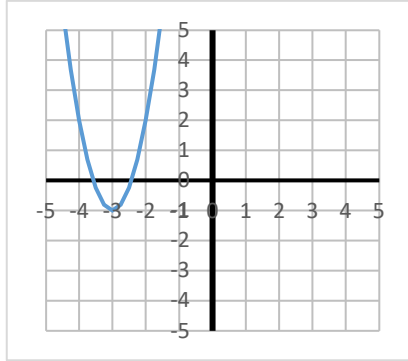
e) $f(x) = 1 \cdot (x + 2)^2 - 3$



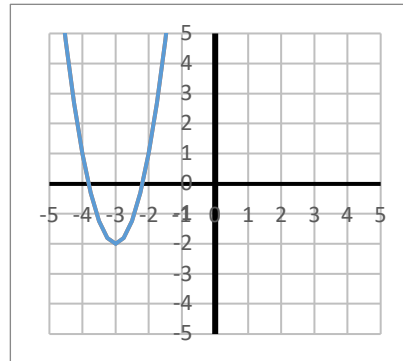
f) $f(x) = 1 \cdot (x + 2)^2 - 1$



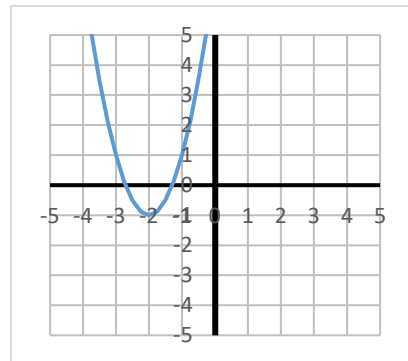
g) $f(x) = 3 \cdot (x + 3)^2 - 1$



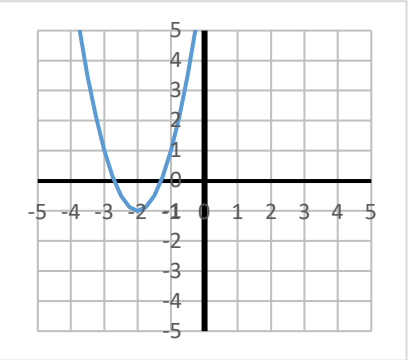
h) $f(x) = 3 \cdot (x + 3)^2 - 2$



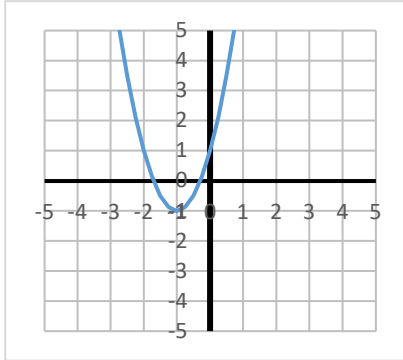
i) $f(x) = 2 \cdot (x + 2)^2 - 1$



j) $f(x) = 2 \cdot (x + 2)^2 - 1$



k) $f(x) = 2 \cdot (x + 1)^2 - 1$



Erklärvideo

