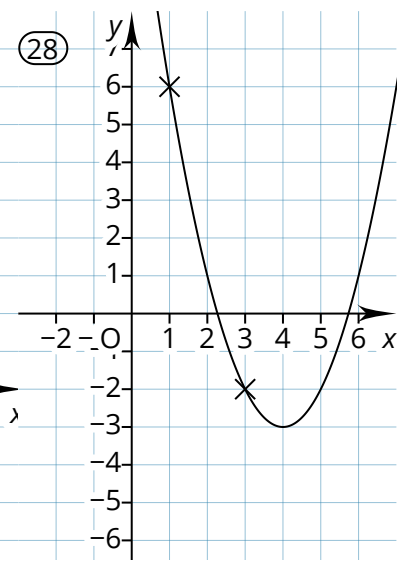
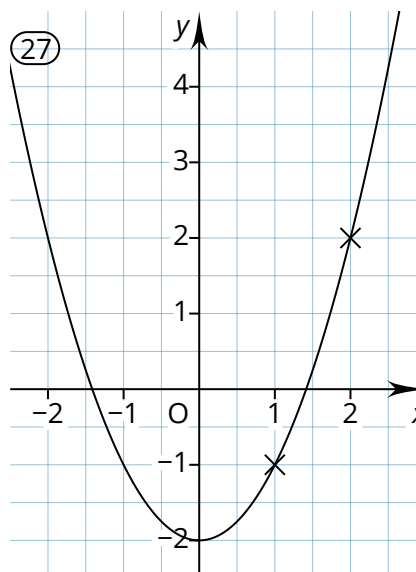
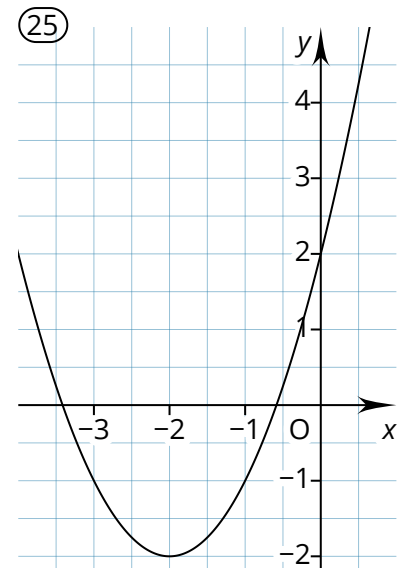
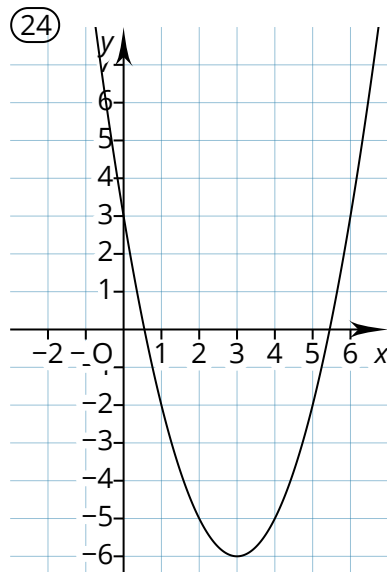


Lösungen

Gleichung	Wertetabelle	Graph
23	33	15
24	34	16
25	31	17
26	32	18
27	29	20
28	30	19
21	36	21
22	35	22
19	39	23
20	40	24
17	37	25
18	38	26
15	41	27
16	42	28



$$\begin{aligned} \boxed{19} \quad f(x) &= x^2 + 6x + 9 \\ &= x^2 + 2 \cdot 3 \cdot x + (3)^2 \\ &= (x + 3)^2 \end{aligned}$$

$$\boxed{21} \quad f(x) = (x + 1)^2 + \frac{3}{2}$$

$$\boxed{15} \quad f(x) = x^2 - 2$$

$$\boxed{16} \quad f(x) = (x - 4)^2 - 3$$

29 z.B.

x	$-\frac{1}{2}$	0	$\frac{1}{2}$	1	$\frac{3}{2}$	2
$y = f(x)$	5	$\frac{13}{4}$	2	$\frac{5}{4}$	1	$\frac{5}{4}$

33

x	-1	0	1	2	3
$y = f(x)$	10,5	5,5	2,5	1,5	2,5

1 Überprüft eure Quartetts.

2 Ordnet den Normalparabeln (Graphen) die Eigenschaften zu oder formuliert selbst passende Eigenschaften.