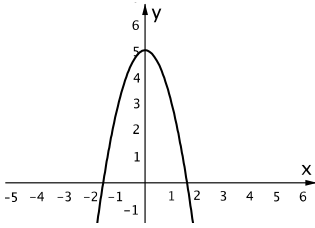
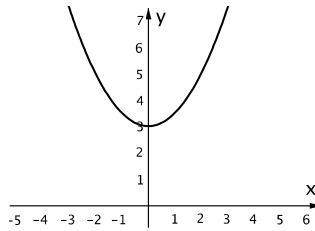


M_10_L_24 Wertemengen	M_10_L_24 Wertemengen	M_10_L_24 Wertemengen
Bestimme die Wertemenge. $f(x) = \frac{1}{3}x + 4$	Bestimme die Wertemenge. $f(x) = \frac{1}{2}x^2 + 3$	Bestimme die Wertemenge. $f(x) = -2x^2 + 5$
M_10_L_24 Wertemengen	M_10_L_24 Wertemengen	M_10_L_24 Wertemengen
Bestimme die Wertemenge. $f(x) = \frac{1}{x} + 2$	Bestimme die Wertemenge. $f(x) = \frac{3}{x^2 + 1}$	Bestimme die Wertemenge. $f(x) = 1,5^x$
M_10_L_24 Wertemengen	M_10_L_24 Wertemengen	M_10_L_24 Wertemengen
Bestimme die Wertemenge. $f(x) = \frac{x^2 - 1}{x^2 + 1}$	Bestimme die Wertemenge. $f(x) = \sin(x)$	Bestimme die Wertemenge. $f(x) = 2 \sin(x) + 1$
M_10_L_24 Wertemengen	M_10_L_24 Wertemengen	M_10_L_24 Wertemengen
Bestimme die Wertemenge. $f(x) = \ln(x)$	Bestimme die Wertemenge. $f(x) = 0,5^x + 1$	Bestimme die Wertemenge. $f(x) = 2x^2 + 4x$
M_10_L_24 Wertemengen	M_10_L_24 Wertemengen	M_10_L_24 Wertemengen
Bestimme die Wertemenge. $f(x) = 3 \cos(x) - 4$	Bestimme die Wertemenge. $f(x) = \frac{1}{x^2 - 1}$	Bestimme die Wertemenge. $f(x) = \sqrt{x}$



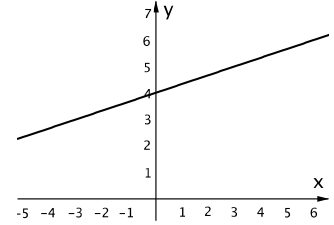
$$W =]-\infty; +5]$$

03



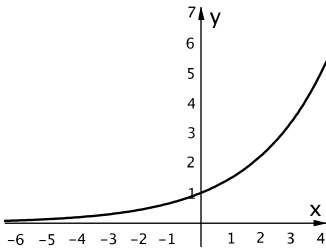
$$W = [+3; +\infty[$$

02



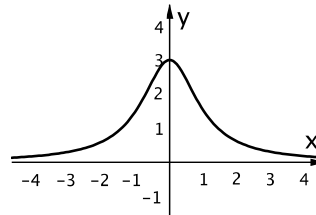
$$W = \mathbb{R}$$

01



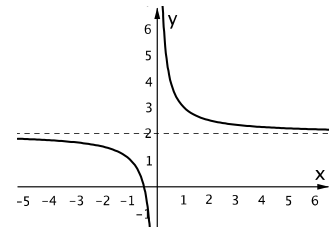
$$W =]0; +\infty[= \mathbb{R}^+$$

06



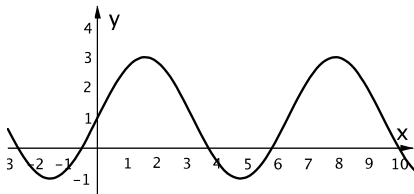
$$W =]0; +3]$$

05



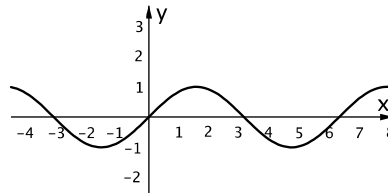
$$W = \mathbb{R} \setminus \{2\}$$

04



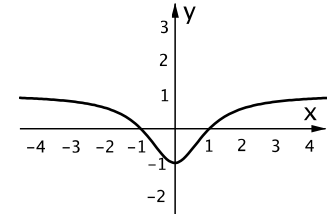
$$W = [-1; +3]$$

09



$$W = [-1; +1]$$

08



$$W = [-1; 1[$$

07

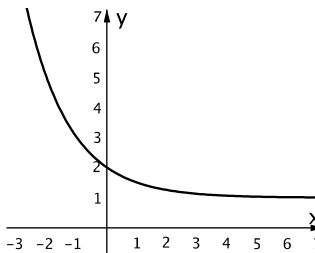
$$f(x) = 2x^2 + 4x = 2x(x+2)$$

Nullstellen: $x_1 = -2$; $x_2 = 0$

Scheitel: $x_s = \frac{-2+0}{2} = -1$; $y_s = -2$

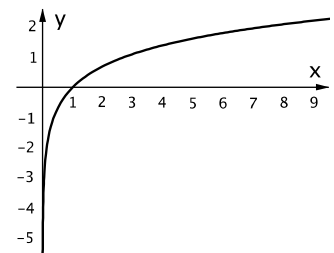
$$W = [-2; +\infty[$$

12



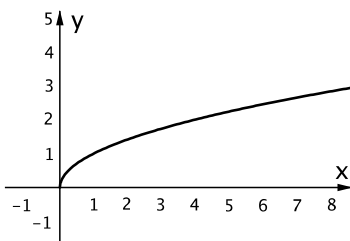
$$W =]+1; +\infty[$$

11



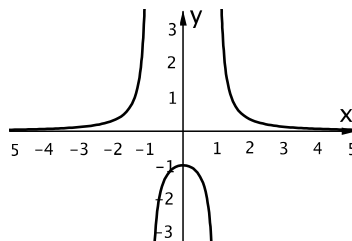
$$W = \mathbb{R}$$

10



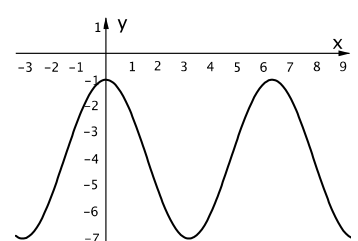
$$W = [0; +\infty[= \mathbb{R}_0^+$$

15



$$W = \mathbb{R} \setminus [0; -1[$$

14



$$W = [-7; -1]$$

13