

Bestimme die Funktionswerte der linearen Funktionen

Lösung

1) $y = 4x + 9$	$x = 5$	$y = 4 \cdot 5 + 9 = 29$	$y = 4 \cdot 5 + 9 = 29$
2) $y = 5x + 7$	$x = 3$	$y =$	$y = 5 \cdot 3 + 7 = 22$
3) $y = 6x + 4$	$x = 1$	$y =$	$y = 6 \cdot 1 + 4 = 10$
4) $y = -9x + 3$	$x = -3$	$y =$	$y = -9 \cdot -3 + 3 = 30$
5) $y = -2x - 5$	$x = 6$	$y =$	$y = -2 \cdot 6 - 5 = -17$
6) $y = -7x - 1$	$x = 9$	$y =$	$y = -7 \cdot 9 - 1 = -64$
7) $y = 1x + 7$	$x = -7$	$y =$	$y = 1 \cdot (-7) + 7 = 0$
8) $y = 8x + 2$	$x = 5$	$y =$	$y = 8 \cdot 5 + 2 = 42$
9) $y = 7x + 9$	$x = 7$	$y =$	$y = 7 \cdot 7 + 9 = 58$
10) $y = 9x - 5$	$x = 6$	$y =$	$y = 9 \cdot 6 - 5 = 49$
11) $y = -9x + 1$	$x = -8$	$y =$	$y = -9 \cdot (-8) + 1 = 73$
12) $y = -10x - 4$	$x = 1$	$y =$	$y = -10 \cdot 1 - 4 = -14$
13) $y = -1x - 4$	$x = -1$	$y =$	$y = -1 \cdot (-1) - 4 = -3$
14) $y = 10x - 7$	$x = -7$	$y =$	$y = 10 \cdot (-7) - 7 = -77$
15) $y = 6x + 9$	$x = 10$	$y =$	$y = 6 \cdot 10 + 9 = 69$
16) $y = 3x - 3$	$x = -5$	$y =$	$y = 3 \cdot (-5) - 3 = -18$
17) $y = 7x - 9$	$x = -5$	$y =$	$y = 7 \cdot (-5) - 9 = -44$
18) $y = -10x + 8$	$x = -3$	$y =$	$y = -10 \cdot (-3) + 8 = 38$
19) $y = -10x - 6$	$x = -2$	$y =$	$y = -10 \cdot (-2) - 6 = 14$
20) $y = 10x + 1$	$x = 8$	$y =$	$y = 10 \cdot 8 + 1 = 81$
21) $y = -4x - 2$	$x = 5$	$y =$	$y = -4 \cdot 5 - 2 = -22$
22) $y = 5x - 3$	$x = 9$	$y =$	$y = 5 \cdot 9 - 3 = 42$