

Bestimme die Funktionswerte der linearen Funktionen

Lösung

1) $y = 7x + 3$	$x = 6$	$y = 7 \cdot 6 + 3 = 45$	$y = 7 \cdot 6 + 3 = 45$
2) $y = 8x + 1$	$x = 8$	$y =$	$y = 8 \cdot 8 + 1 = 65$
3) $y = 9x + 7$	$x = 4$	$y =$	$y = 9 \cdot 4 + 7 = 43$
4) $y = -8x - 4$	$x = -6$	$y =$	$y = -8 \cdot -6 + -4 = 44$
5) $y = -9x - 1$	$x = -10$	$y =$	$y = -9 \cdot (-10) - 1 = 89$
6) $y = -8x - 6$	$x = 8$	$y =$	$y = -8 \cdot 8 - 6 = -70$
7) $y = 1x - 6$	$x = -5$	$y =$	$y = 1 \cdot (-5) - 6 = -11$
8) $y = -1x - 7$	$x = 10$	$y =$	$y = -1 \cdot 10 - 7 = -17$
9) $y = 2x + 2$	$x = 3$	$y =$	$y = 2 \cdot 3 + 2 = 8$
10) $y = 1x + 3$	$x = 7$	$y =$	$y = 1 \cdot 7 + 3 = 10$
11) $y = -6x + 8$	$x = -5$	$y =$	$y = -6 \cdot (-5) + 8 = 38$
12) $y = 6x - 2$	$x = -3$	$y =$	$y = 6 \cdot (-3) - 2 = -20$
13) $y = 6x - 9$	$x = -6$	$y =$	$y = 6 \cdot (-6) - 9 = -45$
14) $y = 2x + 10$	$x = -9$	$y =$	$y = 2 \cdot (-9) + 10 = -8$
15) $y = 6x + 5$	$x = -5$	$y =$	$y = 6 \cdot (-5) + 5 = -25$
16) $y = -8x - 4$	$x = 3$	$y =$	$y = -8 \cdot 3 - 4 = -28$
17) $y = -9x + 2$	$x = 6$	$y =$	$y = -9 \cdot 6 + 2 = -52$
18) $y = -1x - 5$	$x = 10$	$y =$	$y = -1 \cdot 10 - 5 = -15$
19) $y = -5x - 10$	$x = 9$	$y =$	$y = -5 \cdot 9 - 10 = -55$
20) $y = -1x - 6$	$x = 10$	$y =$	$y = -1 \cdot 10 - 6 = -16$
21) $y = 7x + 1$	$x = 3$	$y =$	$y = 7 \cdot 3 + 1 = 22$
22) $y = -7x + 6$	$x = -5$	$y =$	$y = -7 \cdot (-5) + 6 = 41$