

tehtäviä s. 82 320, 321, 322, 324, 325, 326

320

b) x | $g(x) = -x + 2$

-2	$g(-2) = -(-2) + 2 = 2 + 2 = 4$
0	$g(0) = -0 + 2 = 2$
1	$g(1) = -1 + 2 = 1$
4	$g(4) = -4 + 2 = -2$

d) x | $t(x) = -2x = -2 \cdot x$

0	$t(0) = -2 \cdot 0 = 0$
1	$t(1) = -2 \cdot 1 = -2$
2	$t(2) = -2 \cdot 2 = -4$
3	$t(3) = -2 \cdot 3 = -6$

324 a) $f(x) = 3x - 1$

a) $x = 2: f(2) = 3 \cdot 2 - 1 = 5$

b) $x = 0: f(0) = 3 \cdot 0 - 1 = -1$

c) $x = -1: f(-1) = 3 \cdot (-1) - 1 = -4$

d) $x = 1,5: f(1,5) = 3 \cdot 1,5 - 1 = 3,5$

325) $g(x) = 4x - 2$

a) $g(x) = 2$

$$4x - 2 = 2 \quad || + 2$$

$$4x - \cancel{2} + \cancel{2} = 2 + 2$$

$$4x = 4 \quad || : 4$$

$$x = 1$$

$$b) \quad g(x) = -2$$

$$4x - 2 = -2$$

$$\| + 2$$

$$4x - \cancel{2} + 2 = -\cancel{2} + 2$$

$$4x = 0$$

$$\| : 4$$

$$x = 0$$

