s. 81 **Funktio**

esim. $f(x) = 2x - 4$

nimi, muuttuja, lauseke

$x = 5$ $\quad f(5) = 2 \cdot 5 - 4 = 10 - 4 = 6$

$x = -4$ $\quad f(-4) = 2 \cdot (-4) - 4 = -8 - 4 = -12$

$x = 0$ $\quad f(0) = 2 \cdot 0 - 4 = 0 - 4 = -4$

321 Laske funktion $f(x) = 3x - 1$ arvo.

s. 82

a) $x = 2$ $\quad f(2) = 3 \cdot 2 - 1 = 6 - 1 = 5$

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

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

d) $\boxed{x = 1,5}$ $f(1,5) = 3 \cdot 1,5 - 1$

$= 4,5 - 1 = 3,5$

(327) $\boxed{h(x) = x^2 - 5x}$

s. 83

a) $h(2) = 2^2 - 5 \cdot 2$

$= 4 - 10 = -6$

b) $h(0) = 0^2 - 5 \cdot 0$

$= 0 - 0 = 0$

c) $h(-3) = (-3)^2 - 5 \cdot (-3)$

$= 9 + 15 = 24$

d) $h(0,5) = 0,5^2 - 5 \cdot (0,5)$

$= 0,25 - 2,5$

$= -2,25$

(331) (332) s. 83