s. 93 Sulkeet yhtälössä

488 a) $2(x+3) = 16$

$2x + 6 = 16$ | $-6$

$2x = 10$ | $:2$

$\frac{2x}{2} = \frac{10}{2}$

$x = 5$

b) $3(x+3) = 15$

$3x + 9 = 15$ | $-9$

$3x = 6$ | $:3$

$\frac{3x}{3} = \frac{6}{3}$

$x = 2$

c) $2(4x+5) = 26$

$8x + 10 = 26$ | $-10$

$8x = 16$ | $:8$

$\frac{8x}{8} = \frac{16}{8}$

$x = 2$

d) $3(2x+1) = 21$

$6x + 3 = 21$ | $-3$

$6x = 18$ | $:6$

$\frac{6x}{6} = \frac{18}{6}$

$x = 3$

489 a) $3(2x-1) = 21$

$6x - 3 = 21$ ||+3

$\frac{6x}{6} = \frac{24}{6}$ ||:6

$x = 4$

b) $2(2x-7) = 2$

$4x - 14 = 2$ ||+14

$\frac{4x}{4} = \frac{16}{4}$ ||:4

$x = 4$

c) $2(x-4) = 1$

$2x - 8 = 1$ ||+8

$\frac{2x}{2} = \frac{9}{2}$ ||:2

$x = 4\frac{1}{2}$ tai $4,5$

d) $6(2x-1) = 18$

$12x - 6 = 18$ ||+6

$\frac{12x}{12} = \frac{24}{12}$ ||:12

$x = 2$

490

491