

Harjoittele
S.149

69 Tasapainoraaka

745

a) molemmat 6

$$\begin{aligned} b) \quad x + 1 &= 6 \\ x &= 5 \end{aligned}$$

746

$$\begin{aligned} a) \quad x + 2 &= 20 \\ x &= 18 \end{aligned}$$

$$\begin{aligned} b) \quad 2x &= 20 \\ x &= 10 \end{aligned}$$

Kaakakuppien järjestyksellä ei ole merkitystä

747

$$\begin{aligned} a) \quad x + 4 &= 6 \\ x &= 2 \end{aligned}$$

$$\begin{aligned} b) \quad 2x + 1 &= 15 \\ 2x &= 14 \\ x &= 7 \end{aligned}$$

748

$$\begin{aligned} a) \quad 4x &= 8 \\ x &= 2 \end{aligned}$$

$$\begin{aligned} b) \quad 4x + 2 &= 30 \\ 4x &= 28 \\ x &= 7 \end{aligned}$$

Syvennä
S.49

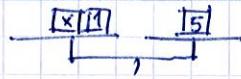
749

$$\begin{aligned} a) \quad 3x + 6 &= 30 \\ 3x &= 24 \\ x &= 8 \end{aligned}$$

$$\begin{aligned} b) \quad 4x + 3 &= x + 12 \\ 4x &= x + 9 \\ 3x &= 9 \\ x &= 3 \end{aligned}$$

750

$$\begin{aligned} a) \quad x + 1 &= 5 \\ x &= 4 \end{aligned}$$



$$\begin{aligned} b) \quad 3x &= 6 \\ x &= 2 \end{aligned}$$



$$\begin{aligned} c) \quad 2x &= x + 7 \\ x &= 7 \end{aligned}$$



$$\begin{aligned} d) \quad x + 3 &= 2x \\ x &= 3 \end{aligned}$$



69 Tasapainovaaka

751 a) $x+4 = 2x+2$
 $4 = x+2$
 $2 = x$
 $x = 2$

b) $4x+1 = 3x+2$
 $x+1 = 2$
 $x = 1$

752 a) $x+20 = 3x$
 $20 = 2x$
 $2x = 20$
 $x = 10$

b) $3x = x+6$
 $2x = 6$
 $x = 3$

753 a) $3x+1 = 2x+4$
 $x+1 = 4$
 $x = 3$

1 2 3 4

b) $2x+6 = 5x+3$
 $3x+3 = 6$
 $3x = 3$
 $x = 1$

1 2 3 4 5 6

c) $4x+1 = 2x+3$
 $2x+1 = 3$
 $2x = 2$
 $x = 1$

1 2 3

d) $4x+2 = 3x+2$
 $x+2 = 2$
 $x = 0$

1 2 3