

S.147

(684)

$$\begin{aligned} \text{a)} \quad x + 7 &= 8 && \parallel -7 \\ x + 7 - 7 &= 8 - 7 \\ x &= 1 \end{aligned}$$

$$\begin{aligned} \text{b)} \quad \frac{3x}{3} &= \frac{12}{3} && \parallel :3 \\ x &= 4 \end{aligned}$$

$$\begin{aligned} \text{c)} \quad x - 1 &= 5 && \parallel +1 \\ x - 1 + 1 &= 5 + 1 \\ x &= 6 \end{aligned}$$

$$\begin{aligned} \text{d)} \quad 2 \cdot \frac{x}{2} &= 2 \cdot 9 && \parallel \cdot 2 \\ x &= 18 \end{aligned}$$

(685)

$$\begin{aligned} \text{a)} \quad x + 7 &= 6 && \parallel -7 \\ x + 7 - 7 &= 6 - 7 \\ x &= -1 \end{aligned}$$

$$\begin{aligned} \text{b)} \quad \frac{2x}{2} &= \frac{-8}{2} && \parallel :2 \\ x &= -4 \end{aligned}$$

$$\begin{aligned} \text{c)} \quad 2 \cdot \frac{x}{2} &= -6 \cdot 2 && \parallel \cdot 2 \\ x &= -12 \end{aligned}$$

$$d) \frac{4x}{4} = \frac{2}{4} \quad ||:4$$

$$x = \frac{1}{2} (= 0,5)$$

(686)

$$a) x - 3 = -4 \quad ||+3$$

$$x - 3 + 3 = -4 + 3$$

$$x = -1$$

$$b) 4 \cdot \frac{x}{4} = -2 \cdot 4 \quad || \cdot 4$$

$$x = -8$$

$$c) \frac{2x}{2} = \frac{1}{2} \quad ||:2$$

$$x = \frac{1}{2} (= 0,5)$$

$$d) \frac{3x}{3} = \frac{0}{3} \quad ||:3$$

$$x = 0$$