



Zad. 2, str. 45(p)

$$\begin{aligned} \text{a)} \quad & 40 - \underline{6 \cdot 3} + 2 = \\ & = \underline{40 - 18} + 2 = \\ & = 22 + 2 = \textcircled{24} \end{aligned}$$

$$\begin{aligned} \text{b)} \quad & \underline{(32 + 16)} : 6 \cdot 2 = \\ & = \underline{48 : 6} \cdot 2 = \\ & = 8 \cdot 2 = \textcircled{16} \end{aligned}$$

$$\begin{aligned} \text{c)} \quad & \underline{5 \cdot 8} - 3 \cdot 9 = \\ & = 40 - \underline{3 \cdot 9} = \\ & = 40 - 27 = \textcircled{13} \end{aligned}$$

$$\begin{aligned} \text{d)} \quad & 24 : \underline{(2 \cdot 4)} \cdot 3 = \\ & = \underline{24 : 8} \cdot 3 = \\ & = 3 \cdot 3 = \textcircled{9} \end{aligned}$$

$$\begin{aligned} \text{e)} \quad & 4 \cdot (18 - \underline{3 \cdot 4}) = \\ & = 4 \cdot (\underline{18 - 12}) = \\ & = 4 \cdot 6 = \textcircled{24} \end{aligned}$$

$$\begin{aligned} \text{f)} \quad & 78 - \underline{(36 - 36)} \cdot 8 = \\ & = 78 - \underline{0 \cdot 8} = \\ & = 78 - 0 = \textcircled{78} \end{aligned}$$

$$\begin{aligned} \text{g)} \quad & \underline{72 : 8} - 3 + 5 = \\ & = \underline{9} - 3 + 5 = \\ & = 6 + 5 = \textcircled{11} \end{aligned}$$

$$\begin{aligned} \text{h)} \quad & \underline{(26 - 18)} \cdot \underline{(3 + 7)} = \\ & = 8 \cdot 10 = \textcircled{80} \end{aligned}$$

$$\begin{aligned} \text{i)} \quad & \underline{(5 + 8)} \cdot 2 + 2 \cdot 7 = \\ & = \underline{13} \cdot 2 + 2 \cdot 7 = \\ & = 26 + \underline{2 \cdot 7} = \\ & = 26 + 14 = \textcircled{40} \end{aligned}$$

$$\begin{aligned} \text{j)} \quad & 72 : 9 - \underline{(32 - 24)} = \\ & = \underline{72 : 9} - 8 = \\ & = 8 - 8 = \textcircled{0} \end{aligned}$$

Zad. 5, str. 46 (p)

$$\begin{aligned} \text{a)} \quad & \underline{2^3} + \underline{3^2} + \underline{4^2} = \\ & = 8 + 9 + 16 = \\ & = 17 + 16 = \textcircled{33} \end{aligned}$$

$$\begin{aligned} \text{b)} \quad & \underline{5^2} \cdot 4 - \underline{7^2} \cdot 2 = \\ & = \underline{25} \cdot 4 - 49 \cdot 2 = \\ & = 100 - \underline{49 \cdot 2} = \\ & = 100 - 98 = \textcircled{2} \end{aligned}$$

$$2^3 = 2 \cdot 2 \cdot 2 = 8$$

$$3^2 = 3 \cdot 3 = 9$$

$$4^2 = 4 \cdot 4 = 16$$

$$5^2 = 5 \cdot 5 = 25$$

$$7^2 = 7 \cdot 7 = 49$$

$$\begin{aligned} \text{c)} \quad & 3 \cdot (\underline{4+2})^2 = \\ & = 3 \cdot \underline{6^2} = \\ & = 3 \cdot \underline{36} = 90 + 18 = \textcircled{108} \\ & \quad \quad \quad \underline{30+6} \end{aligned}$$

$$6^2 = 6 \cdot 6 = 36$$

Zad. 6, str. 46 (p)

$$\begin{aligned} \text{a)} \quad & 48 : (2 \cdot 0 + 12 \cdot 2) = \\ & = 48 : (0 + 12 \cdot 2) = \\ & = 48 : (0 + 24) = \\ & = 48 : 24 = \textcircled{2} \end{aligned}$$

$$\begin{aligned} \text{b)} \quad & (5 + 0) \cdot 1 - 0 : 5 = \\ & = \underline{5 \cdot 1} - 0 : 5 = \\ & = 5 - \underline{0 : 5} = \\ & = 5 - 0 = \textcircled{5} \end{aligned}$$

$$\begin{aligned} \text{c)} \quad & \underline{98 : 1} : 98 \cdot 98 : 98 \cdot 98 = \\ & = \underline{98 : 98} \cdot 98 : 98 \cdot 98 = \\ & = \underline{1 \cdot 98} : 98 \cdot 98 = \\ & = \underline{98 : 98} \cdot 98 = \\ & = 1 \cdot 98 = \textcircled{98} \end{aligned}$$

$$\begin{aligned} \text{d)} \quad & (\underline{1 : 1} - 0) \cdot 1 + 1 \cdot 0 + 0 : 1 = \\ & = (\underline{1 - 0}) \cdot 1 + 1 \cdot 0 + 0 : 1 = \\ & = \underline{1 \cdot 1} + 1 \cdot 0 + 0 : 1 = \\ & = 1 + \underline{1 \cdot 0} + 0 : 1 = \\ & = 1 + 0 + \underline{0 : 1} = \\ & = 1 + 0 + 0 = \textcircled{1} \end{aligned}$$

Zad. 19, str. 240 (p)

$$\begin{aligned} \text{a) } & \underline{63 - 17} + 14 = \\ & = 46 + 14 = \textcircled{60} \end{aligned}$$

$$\begin{aligned} \text{b) } & \underline{57 - 19} + 9 = \\ & = 38 + 9 = \textcircled{47} \end{aligned}$$

$$\begin{aligned} \text{c) } & \underline{80 : 4} \cdot 6 = \\ & = 20 \cdot 6 = \textcircled{120} \end{aligned}$$

$$\begin{aligned} \text{d) } & \underline{3 \cdot 16} : 4 = \\ & = 48 : 4 = \textcircled{12} \end{aligned}$$

$$\begin{aligned} \text{e) } & 29 + \underline{2 \cdot 8} = \\ & = 29 + 16 = \textcircled{45} \end{aligned}$$

$$\begin{aligned} \text{f) } & 57 - \underline{7 \cdot 6} = \\ & = 57 - 42 = \textcircled{15} \end{aligned}$$

$$\begin{aligned} \text{g) } & (\underline{17 + 18}) \cdot 4 = \\ & = 35 \cdot 4 = \textcircled{140} \end{aligned}$$

$$\begin{aligned} \text{h) } & 49 : (\underline{21 - 14}) = \\ & = 49 : 7 = \textcircled{7} \end{aligned}$$

$$\begin{aligned} \text{i) } & (47 - 19) \cdot 2 = \\ & = 28 \cdot 2 = \textcircled{56} \end{aligned}$$

$$\begin{aligned} \text{j) } & 53 - \underline{5 \cdot 3} = \\ & = 53 - 15 = \textcircled{38} \end{aligned}$$

Zad. 20, str. 240 (p)

$$\begin{aligned} \text{a) } & \underline{6 \cdot 15} - 4 \cdot 8 = \\ & = 90 - \underline{4 \cdot 8} = \\ & = 90 - 32 = \underline{58} \end{aligned}$$

$$\begin{aligned} \text{b) } & (\underline{60 - 11}) \cdot 2 + 6 = \\ & = \underline{49} \cdot 2 + 6 = \\ & = 98 + 6 = \underline{104} \end{aligned}$$

$$\begin{aligned} \text{c) } & (\underline{62 + 22}) : 2 \cdot 3 = \\ & = \underline{84} : 2 \cdot 3 = \\ & = 42 \cdot 3 = \underline{126} \end{aligned}$$

$$\begin{aligned} \text{d) } & 25 \cdot (\underline{14 : 2} + 3) = \\ & = 25 \cdot (\underline{7} + 3) = \\ & = 25 \cdot 10 = \underline{250} \end{aligned}$$

$$\begin{aligned} \text{e) } & (\underline{37 + 13}) \cdot (\underline{34 - 29}) = \\ & = 50 \cdot 5 = \underline{250} \end{aligned}$$

$$\begin{aligned} \text{f) } & 55 - \underline{11 \cdot 2} - 3 \cdot 11 = \\ & = 55 - 22 - \underline{3 \cdot 11} = \\ & = \underline{55 - 22} - 33 = \\ & = 33 - 33 = \underline{0} \end{aligned}$$

$$\begin{aligned} \text{g) } & \underline{72 : 6} \cdot 5 - 12 + 17 = \\ & = \underline{12} \cdot 5 - 12 + 17 = \\ & = 60 - 12 + 17 = \\ & = 48 + 17 = \underline{65} \end{aligned}$$

$$\left. \begin{aligned} 72 : 6 &= 60 : 6 + 12 : 6 = 10 + 2 = 12 \\ 12 \cdot 5 &= 10 \cdot 5 + 2 \cdot 5 = 50 + 10 = 60 \end{aligned} \right\}$$

Zad. 21, str. 240 (p)

$$\begin{aligned} \text{a) } & \underline{3}^2 \cdot 5 - 17 = \\ & = 9 \cdot 5 - 17 = \\ & = 45 - 17 = 48 - 20 = \textcircled{28} \end{aligned}$$

$$\begin{aligned} \text{c) } & 4^2 + (\underline{6-2})^3 = \\ & = \underline{4}^2 + \underline{4}^3 = \\ & = 16 + 64 = \textcircled{80} \end{aligned} \quad \left\{ \begin{array}{l} 4^2 = 4 \cdot 4 = 16 \\ 4^3 = \overset{16}{4} \cdot 4 \cdot 4 = 64 \\ 16 \cdot 4 = 40 + 24 = 64 \end{array} \right.$$

$$\begin{aligned} \text{b) } & \underline{6}^2 - 5 - 18 = \\ & = 36 - 5 - 18 = \\ & = 31 - 18 \overset{+2}{=} 33 - 20 = \textcircled{13} \end{aligned}$$

$$\begin{aligned} \text{f) } & (\underline{3}^3 - \underline{2}^3) \cdot 3 + 7 = \\ & = (27 - 8) \cdot 3 + 7 = \\ & = 19 \cdot 3 + 7 = \\ & = 57 + 7 = \textcircled{64} \end{aligned} \quad \left\{ \begin{array}{l} 3^3 = \overset{9}{3} \cdot 3 \cdot 3 = 27 \\ 2^3 = \overset{4}{2} \cdot 2 \cdot 2 = 8 \\ 19 \cdot 3 = 30 + 27 = 57 \end{array} \right.$$

$$\begin{aligned} \text{c) } & 26 - \underline{2}^2 \cdot 5 = \\ & = 26 - 4 \cdot 5 = \\ & = 26 - 20 = \textcircled{6} \end{aligned}$$

$$\begin{aligned} \text{g) } & 50 : \underline{5}^2 + 4 \cdot 5 - 12 = \\ & = \underline{50} : 25 + 4 \cdot 5 - 12 = \\ & = 2 + \underline{4 \cdot 5} - 12 = \\ & = \underline{2 + 20} - 12 = \\ & = 22 - 12 = \textcircled{10} \end{aligned}$$

$$\begin{aligned} \text{d) } & 43 - (\underline{2}^3 + 2) = \\ & = 43 - (8 + 2) = \\ & = 43 - 10 = \textcircled{33} \end{aligned}$$

$$\begin{aligned} \text{h) } & 6^3 : 2 + (\underline{18-6}) \cdot 3 = \\ & = \underline{6}^3 : 2 + 12 \cdot 3 = \\ & = \underline{216} : 2 + 12 \cdot 3 = \\ & = 108 + \underline{12 \cdot 3} = \\ & = 108 + 36 = \textcircled{144} \end{aligned} \quad \left\{ \begin{array}{l} 6^3 = \overset{36}{6} \cdot 6 \cdot 6 = 216 \\ 36 \cdot 6 = 180 + 36 = 216 \\ 12 \cdot 3 = 30 + 6 = 36 \end{array} \right.$$