

Evaluation Question Exercise 9(A)

$$1) 19 - (1 + 5) - 3$$

$$\begin{aligned} \underline{A} &= 19 - (6) - 3 = 19 - 6 - 3 \\ &= 13 - 3 = 10 \end{aligned}$$

$$2) 30 \times 6 \div (5 - 2)$$

$$\begin{aligned} \underline{A} &= 30 \times 6 \div (3) = 30 \times 6 \div 3 \\ &= 180 \div 3 \\ &= 60 \end{aligned}$$

$$3) 28 - (3 \times 8) \div 6$$

$$\begin{aligned} \underline{A} &= 28 - (24) \div 6 = 28 - 24 \div 6 \\ &= 28 - 4 \\ &= 24 \end{aligned}$$

~~$$4) 9 - [(4 - 3) + 2 \times 5] \quad 9 - [(4 - 3) + 2 \times 5]$$~~

~~$$= 9 - [1 + 2 \times 5] \quad \underline{A} = 9 - [1 + 2 \times 5]$$~~

~~$$= 9 - [1 + 10] = 9 - 11 = 2$$~~

$$5) [18 - (15 - 5) + 6]$$

$$\begin{aligned} \underline{A} &= [18 - 8 + 6] \\ &= [18 + 3] \\ &= 21 \end{aligned}$$

$$6) [(4 \times 2) - (4 \div 2)] + 8$$

$$A) [8 - 2] + 8$$

$$= 6 + 8 = 14$$

$$7) 48 + 96 \div 24 - 6 \times 18$$

$$A) = 48 + 4 - 6 \times 18 = 48 + 4 - 108$$

$$= 48 + 4 - 108$$

$$= 52 - 108 = -56$$

~~8) 22 - [3 - {8 - (4 + 6)}]~~

$$8) 22 - [3 - \{8 - (4 + 6)\}]$$

$$A) 22 - [3 - \{8 - 10\}]$$

$$= 22 - [3 - \{-2\}]$$

$$= 22 - [3 + 2]$$

$$= 22 - 5 = 17$$

$$9) 34 - [29 - \{30 + 66 \div (24 - 28 - 26)\}]$$

$$A) 34 - [29 - \{30 + 66 \div (24 - 2)\}]$$

$$= 34 - [29 - \{30 + 66 \div 22\}]$$

$$= 34 - [29 - \{30 + 3\}] = 34 - [29 - 33]$$

$$= 34 - [-4] = 34 + 4 = 38$$

$$10) 60 - \{16 \div (4 \times 8 - 2)\}$$

$$A) = 60 - \{16 \div 16\}$$

$$= 60 - 1 = 59$$

$$4) \textcircled{9} - [(4-3) + 2 \times 5]$$

$$\text{Ans } \textcircled{9} - [(1) + 2 \times 5] = 9 - [1 + 2 \times 5] = 9 - [11] = \textcircled{-2}$$

$$11) \textcircled{25} - [12 - \{5 + 18 - (4 - 5 - 3)\}]$$

$$\text{Ans } = 25 - [12 - \{5 + 18 + (4 - 2)\}]$$

$$= 25 - [12 - \{5 + 18 + 2\}]$$

$$= 25 - [12 - \{5 + 9\}]$$

$$= 25 - [12 - 14]$$

$$= 25 - [-2]$$

$$= 25 + 2$$

$$= \textcircled{27}$$

$$12) \textcircled{15} - [16 - \{12 + 21 \div (9 - 2)\}]$$

$$\text{Ans } = 15 - [16 - \{12 + 21 \div 7\}]$$

$$= 15 - [16 - \{12 + 3\}]$$

$$= 15 - [16 - 15]$$

$$= 15 - 1 = \textcircled{14}$$