

Exercise 9A

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

$$\begin{aligned}\text{Ans} &= 19 - 6 - 3 \\ &= 13 - 3 \\ &= 10\end{aligned}$$

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

$$\begin{aligned}\text{Ans} &= 30 \times 6 \div 3 \\ &= 30 \times 2 \\ &= 60\end{aligned}$$

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

$$\begin{aligned}\text{Ans} &= 28 - 24 \div 6 \\ &= 28 - 4 \\ &= 24\end{aligned}$$

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

$$\begin{aligned}\text{Ans} &= 9 - [1 + 2 \times 5] \\ &= 9 - [1 + 10] \\ &= 9 - 11 \\ &= -2\end{aligned}$$

5. $[18 - (15 \div 5) + 6]$

$$\begin{aligned}\text{Ans} &= 18 - 3 + 6 \\ &= 15 + 6 \\ &= 21\end{aligned}$$

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

$$\text{Ans} = [8 - 2] + 8$$

$$= 6 + 8$$

$$= 14$$

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

$$\text{Ans} = 48 + 4 - 6 \times 18$$

$$= 48 + 4 - 108$$

$$= 52 - 108$$

$$= -56$$

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

$$\text{Ans} = 22 - [3 - \{8 - 10\}]$$

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

$$= 22 - 5$$

$$= 17$$

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

$$\text{Ans} = 34 - [29 - \{30 + 66 \div (-30)\}]$$

$$= 34 - [29 - \{30 + 2 \cdot 2\}]$$

$$= 34 - [29 - 27 \cdot 8]$$

$$= 34 - 1 \cdot 2$$

$$= 32 \cdot 8$$

$$10. 60 - \{16 \div (4 \times 6 - 8)\}$$

$$\text{Ans} = 60 - \{16 \div 16\}$$

$$= 60 - 1$$

$$= 59$$

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

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

$$= 25 - [12 - \{0.5\}]$$

$$= 25 - 11.5$$

$$= 13.5$$

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

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

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

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

$$= 15 - 1$$

$$= 14$$