

Exc 9 A

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

$$\text{Ans} \rightarrow 19 - (6) - 3 = 19 - 6 - 3 = 13 - 3 = 10$$

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

$$\text{Ans} \rightarrow 30 \times 6 \div (3) = 30 \times 6 \div 3 = 30 \times 2 = 60$$

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

$$\text{Ans} \rightarrow 28 - (24) \div 6 = 28 - 24 \div 6 = 28 - 4 = 24$$

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

$$\text{Ans} \rightarrow 9 - [(1) + 2 \times 5] = 9 - [1 + 2 \times 5] = 9 - [1 + 10] =$$

$$9 - [11] = 9 - 11 = -2.$$

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

$$\begin{aligned} \text{Ans} \rightarrow 34 - [29 - \{30 + 66 \div (24 - 28 - 26)\}] &= 34 - [29 - \{30 + \\ 66 \div (24 - 2)\}] &= 34 - [29 - \{30 + 66 \div (22)\}] = \\ [34 - [29 - \{30 + 66 \div 22\}]] &= 34 - [29 - \{30 + 3\}] = \\ 34 - [29 - \{33\}] &= 34 - [29 - 33] = 34 - [33 - 29] = \\ 34 - (-4) &= 34 + 4 = 38 \end{aligned}$$

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

$$\begin{aligned} \text{Ans} \rightarrow 60 - \{16 \div (4 \times 6 - 8)\} &= 60 - \{16 \div (16)\} = 60 - \{16 \div \\ 16\} &= 60 - \{1\} = 60 - 1 = 59. \end{aligned}$$

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

$$\begin{aligned} \text{Ans} \rightarrow 25 - [12 - \{5 + 18 \div (4 - 2)\}] &= 25 - [12 - \{5 + 18 \div \\ 2\}] &= 25 - [12 - \{5 + 9\}] = 25 - [12 - 14] = 25 - (-2) \\ &= 25 - (-2) = 25 + 2 = 27. \end{aligned}$$

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

$$\text{Ans} \rightarrow [18 - 3 + 6] = [18 - 9] = 9 = 18 + 6 = 24 - 3 = 21$$

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

$$\text{Ans} \rightarrow [(4 \times 2) - 2] + 8 = [8 - 2] + 8 = 6 + 8 = 14$$

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

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

$$= 48 + 4 - 108$$

$$= 52 - 108$$

$$= -56$$

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

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

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

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

$$= 22 - 5$$

$$= 17$$

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

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

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

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

$$= 15 - 1$$

$$= 14$$

Ans ✓