

Exercise - A(A)

$$1- 19 - (14 + 5) - 3$$

Ans- $19 - 6 - 3$ (Simplifying small bracket)

$$= 19 - 9$$

$$= 10$$

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

Ans- $30 \times 6 \div 3$ (Simplifying small bracket)

$$= ~~30~~ \times ~~2~~$$

$$= 60$$

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

Ans- $28 - 24 \div 6$ [Simplifying C]

$$= 28 - 4$$

$$= 24$$

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

$$\text{Ans: } 9 - [1 + 10] \quad (\text{Simplifying } ())$$

$$= 9 - 11 \quad (\text{Simplifying } [])$$

$$= -2$$

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

$$\text{Ans: } [18 - 3 + 6] \quad (\text{Simplifying } ())$$

$$= [18 - 9]$$

$$= 9 \quad (\text{Simplifying } [])$$

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

$$\text{Ans: } [(4 \times 2) + 2] + 8$$

$$= [8 - 2] + 8$$

$$\text{Ans: } [8 - 2] + 8 \quad (\text{Simplifying } ())$$

$$= 6 + 8$$

$$= 14$$

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

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

$$= 48 + 4 - 108$$

$$= 52 - 108$$

$$= -56$$

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

$$\text{Ans: } = 22 - [3 - \{8 - 10\}] \quad (\text{Simplifying } ())$$

$$= 22 - [3 + 2] \quad (\text{Simplifying } \{ \})$$

$$= 22 - 5$$

$$= 17$$

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

Ans:

Ans = $34 - \{29 - \{30 + 66 \div (64 - 2)\}\}$ (Simplifying \rightarrow)
 $= 34 - \{29 - \{30 + 66 \div 22\}\}$ (Simplifying (\div))
 $= 34 - \{29 - \{30 + 3\}\}$ (Simplifying $\{ \}$)
 $= 34 - \{29 - 33\}$ (Simplifying $[]$)
 $= 34 + 4$
 $= 38$

10-60- $\{16 \div (4 \times 6 - 8)\}$ (Simplifying \rightarrow)
 Ans = $60 - \{16 \div (24 - 8)\}$ (Simplifying (\times))
 $= 60 - \{16 \div 16\}$ (Simplifying $\{ \}$)
 $= 60 - 1$
 $= 59$

11-25- $\{12 - \{5 + 18 \div (4 - 5 - 3)\}\}$ (Simplifying \rightarrow)
 Ans = $25 - \{12 - \{5 + 18 \div (4 - 2)\}\}$ (Simplifying $(-)$)
 $= 25 - \{12 - \{5 + 18 \div 2\}\}$ (Simplifying (\div))
 $= 25 - \{12 - \{5 + 9\}\}$ (Simplifying $\{ \}$)
 $= 25 - \{12 - 14\}$ (Simplifying $[]$)
 $= 25 - [-2] = 25 + 2$ (Simplifying $\{ \}$)
 $= 27 + 2$ (Simplifying $[]$)
 $= 29$

12-15- $\{16 - \{12 + 21 \div (9 - 2)\}\}$
 Ans = $15 - \{16 - \{12 + 21 \div 7\}\}$ (Simplifying (\div))
 $= 15 - \{16 - \{12 + 3\}\}$ (Simplifying $\{ \}$)
 $= 15 - \{16 - 15\}$ (Simplifying $[]$)
 $= 15 - 1$ (Simplifying $\{ \}$)
 $= 14$ (Simplifying $[]$)