

hw

EX 9(A)

$$1) 19 - (15) - 3$$

$$= 19 - 6 - 3$$

$$= 13 - 3$$

$$= 10$$

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

$$= 30 \times 6 \div 3$$

$$= 180 \div 3$$

$$= 60$$

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

$$= 28 - 24 \div 6$$

$$= ~~4~~ 28 - 4$$

$$= 24$$

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

$$= 9 - [1 + 2 \times 5]$$

$$= 9 - 11$$

$$= -2$$

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

$$= [18 - 3 + 6]$$

$$= ~~18 - 3~~ 18 + 6 - 3$$

$$= ~~15~~ 24 - 3$$

$$= 21$$

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

$$\begin{aligned} &= [8 - 2] + 8 \\ &= 6 + 8 \\ &= 14 \end{aligned}$$

$$\begin{aligned} 7) \quad &48 + 46 \div 24 - 6 \times 18 \\ &= 48 + 4 - 6 \times 18 \\ &= 48 + 4 - 108 \\ &= 52 - 108 \\ &= -56 \end{aligned}$$

$$\begin{aligned} 8) \quad &22 - [3 - \{8 - (4 + 6)\}] \\ &= 22 - [3 - \{8 - 10\}] \\ &= 22 - [3 - (-2)] \\ &= 22 - [3 + 2] \\ &= 22 - 5 \\ &= 17 \end{aligned}$$

$$\begin{aligned} 9) \quad &34 - [29 - \{30 + 60 \div (24 - 28 - 6)\}] \\ &= 34 - [29 - \{30 + 60 \div (24 - 2)\}] \\ &= 34 - [29 - \{30 + 60 \div 22\}] \\ &= 34 - [29 - \{30 + 3\}] \\ &= 34 - [29 - 33] \\ &= 34 - (-4) \\ &= 34 + 4 \\ &= 38 \end{aligned}$$

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

$$\begin{aligned} \text{Ans} &= 60 - \{ 16 \div (24 - 8) \} \\ &= 60 - \{ 16 \div 16 \} \\ &= 60 - 1 \\ &= 59 \end{aligned}$$

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

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

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

$$\begin{aligned} \text{Ans} &= 15 - [16 - \{ 12 + 21 \div 7 \}] \\ &= 15 - [16 - \{ 12 + 3 \}] \\ &= 15 - [16 - 15] \\ &= 15 - 1 \\ &= 14 \end{aligned}$$