

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

By calculating further we get

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

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

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

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

$$= 25 - [-2]$$

$$= 25 + 2$$

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

Solution:

Given

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

On further calculation, we get

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

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

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

$$= 15 - 1$$

$$= 14$$

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

Solution:

Given

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

On further calculation we get

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

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

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

$= 34 - [29 - 33]$

$= 34 - [-4]$

$= 34 + 4$

$= 38$

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

Solution

Given

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

On further calculation, we get

$= 60 - \{16 \div (24 - 8)\}$

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

$= 60 - 1$

$= 59$

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

Solution:

Given

Solution:

Given

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

one further calculation, we get

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

$$= 6 + 8$$

$$= 14$$

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

Solution:

$$\text{Given } 48 + 96 \div 24 - 6 \times 18$$

We get

$$= 48 + 4 - 6 \times 18$$

$$= 48 + 4 - 108$$

$$= 52 - 108$$

$$= -56$$

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

Solution

Given

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

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

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

$$= 22 + 5$$

$$= 17$$

Given

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

Calculating further, we get

$$= 28 - 24 \div 6$$

$$= 28 - 4$$

$$= 24$$

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

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

we get

$$= 9 - [1 + 10]$$

$$= 9 - 11$$

$$= -2$$

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

Solution:

Given

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

On further calculation, we get

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

$$= 18 + 3$$

$$= 21$$

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

Exercise - 9(A)

1) $19 - (1 + 8) - 3$

Solution:

Given

$$19 - (1 + 8) - 3$$

On further calculation, we get

$$= 19 - 9 - 3$$

$$= 19 - 9$$

$$= 10$$

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

Solution:

Given

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

On further calculation, we get

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

$$= 30 \times 2$$

$$= 60$$

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

Solution