

cm
30/6

Ex 9A

1. $19 - 6 - 3$

ans $19 - 6 - 3 = 13 - 3 = 10$

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

ans $30 \times 6 \div 3 = 30 \times 2 = 60$

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

ans $28 - 24 \div 6 = 28 - 4 = 24$

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

ans $9 - [12 + 10] = 9 - 22 = -13$

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

ans $[18 - 3] \times 6 = 15 \times 6 = 90$

6. $5[(4 \times 2) - (4 \div 2)] + 8$

ans $5[8 - 2] + 8 = 5 \times 6 + 8 = 30 + 8 = 38$

7. $48 + 9 \times 6 \div 24 - 6 \times 18$

ans $48 + 4 - 108 = 52 - 108 = -56$

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

ans $22 - [3 - 8 - 30] = 22 - [-35] = 22 + 35 = 57$

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

ans $34 - [29 - \{30 + 66 \div (24 - 28 - 26)\}] = 34 - [29 - \{30 + 66 \div (-2)\}] = 34 - [29 - \{30 - 33\}]$
 $34 - [29 - 2] = 34 - 27 = 7$

$$10. 60 - \{16 \div (9 \times 6 - 8)\}$$

ans $60 - \{16 \div (24 - 8)\} = 60 - \{16 \div 16\} = 60 - 1 = 59$

$$11. 25 - [12 - \{5 + 18 \div (45 - 3)\}]$$

ans $25 - [12 - \{5 + 18 \div (45 - 3)\}] = 25 - [12 - \{5 + 18 \div 42\}] = 25 - [12 - \{5 + 0.428\}] = 25 - [12 - 5.428] = 25 - 6.572 = 18.428$
 $= 25 - [12 - 5] = 25 - 7 = 18$

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

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