

EXERCISE 6B

OBJECTIVE QUESTIONS

1. $8 + 4 + 2 \times 5 = ?$

- (a) 30 (b) 50

- (c) 18 (d) none of these

Solution

Given

$$\begin{aligned} 8 + 4 + 2 \times 5 & \\ &= 8 + 2 \times 5 \quad \text{(by dividing)} \\ &= 8 + 10 \quad \text{(by multiplying)} \\ &= 18 \end{aligned}$$

$$\therefore 8 + 4 + 2 \times 5 = 18$$

2. $54 \div 3 \text{ of } 6 + 9 = ?$

- (a) 117 (b) 12

- (c) $6 / 5$ (d) none of these

Solution

Given

$$\begin{aligned} 54 \div 3 \text{ of } 6 + 9 & \\ &= 54 \div (3 \times 6) + 9 \quad \text{(by multiplying)} \\ &= 54 \div (18) + 9 \quad \text{(by dividing)} \\ &= 54 \div 18 + 9 \\ &= 3 + 9 \\ &= 12 \end{aligned}$$

$$\therefore 54 \div 3 \text{ of } 6 + 9 = 12$$

3. $13 - (12 - 6 \div 3) = ?$

- (a) 11 (b) 3

- (c) $7 / 3$ (d) none of these

Solution

Given

$$\begin{aligned} 13 - (12 - 6 \div 3) & \\ &= 13 - (12 - 2) \quad \text{(by dividing)} \\ &= 13 - 10 \quad \text{(by subtracting)} \\ &= 3 \end{aligned}$$

$$\therefore 13 - (12 - 6 \div 3) = 3$$

4. $1001 \div 11 \text{ of } 13 = ?$

- (a) 7 (b) 1183

- (c) 847 (d) none of these

Solution

Given

$$\begin{aligned} 1001 \div 11 \text{ of } 13 & \\ &= 1001 \div 11 \times 13 \\ &= 1001 \div 143 \\ &= 7 \end{aligned}$$

$$\therefore 1001 \div 11 \text{ of } 13 = 7$$

5. $133 + 28 \div 7 - 8 \times 2 = ?$

- (a) 7 (b) 121

- (c) 30 (d) none of these

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