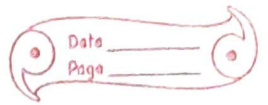


PLAYING WITH NUMBERS



EXERCISE - 9 (A)

$$\begin{aligned} 1. \quad & 19 - (1 + 5) - 3 \\ & = 19 - 6 - 3 \\ & = 19 - 9 \\ & = 10 \end{aligned}$$

$$\begin{aligned} 7. \quad & 48 + 96 \div 24 - 6 \times 18 \\ & = 48 + 4 - 6 \times 18 \\ & = 48 + 4 - 108 \\ & = 52 - 108 \\ & = -56 \end{aligned}$$

$$\begin{aligned} 2. \quad & 30 \times 6 \div (5 - 2) \\ & = 30 \times 6 \div 3 \\ & = 30 \times 2 \\ & = 60 \end{aligned}$$

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

$$\begin{aligned} 3. \quad & 28 - (3 \times 8) \div 6 \\ & = 28 - 24 \div 6 \\ & = 28 - 4 \\ & = 24 \end{aligned}$$

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

$$\begin{aligned} 4. \quad & 9 - [(4 - 3) + 2 \times 5] \\ & = 9 - [1 + 10] \\ & = 9 - 11 \\ & = -2 \end{aligned}$$

$$\begin{aligned} & = 34 - [29 - \{30 + 66 \div (24 - 2)\}] \\ & = 34 - [29 - \{30 + 66 \div 22\}] \end{aligned}$$

$$\begin{aligned} 5. \quad & [18 - (15 \div 5) + 6] \\ & = [18 - 3 + 6] \\ & = [18 + 3] \\ & = 21 \end{aligned}$$

$$\begin{aligned} & = 34 - [29 - \{30 + 3\}] \\ & = 34 - [29 - 33] \\ & = 34 - [-4] \end{aligned}$$

$$\begin{aligned} 6. \quad & [(4 \times 2) - (4 \div 2)] + 8 \\ & = [8 - 2] + 8 \\ & = 8 - 2 + 8 \\ & = 16 - 2 \\ & = 14 \end{aligned}$$

$$\begin{aligned} & = 34 + 4 \\ & = 38 \end{aligned}$$

$$\begin{aligned}
 10. \quad & 60 - \{16 \div (4 \times 6 - 8)\} \\
 & = 60 - \{16 \div (24 - 8)\} \\
 & = 60 - \{16 \div 16\} \\
 & = 60 - 1 \\
 & = 59
 \end{aligned}$$

$$\begin{aligned}
 11. \quad & 25 - [12 - \{5 + 18 \div (4 - 5 - 3)\}] \\
 & = 25 - [12 - \{5 + 18 \div (4 - 2)\}] \\
 & = 25 - [12 - \{5 + 18 \div 2\}] \\
 & = 25 - [12 - \{5 + 9\}] \\
 & = 25 - [12 - 14] \\
 & = 25 - [-2] \\
 & = 25 + 2 \\
 & = 27
 \end{aligned}$$

$$\begin{aligned}
 12. \quad & 15 - [16 - \{12 + 21 \div (9 - 2)\}] \\
 & = 15 - [16 - \{12 + 21 \div 7\}] \\
 & = 15 - [16 - \{12 + 3\}] \\
 & = 15 - [16 - 15] \\
 & = 15 - 1 \\
 & = 14
 \end{aligned}$$