

RD Sharma
Solutions

Class 7

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Exercise 1.9

Find the value of.

$$\underline{1.} \quad 36 \div 6 + 3 = (36 \div 6) + 3 = 6 + 3 = 9$$

$$\underline{2.} \quad 24 + 15 \div 3 = 24 + (15 \div 3) \\ = 24 + 5 = 29$$

$$\underline{3.} \quad 120 - 20 \div 4 = 120 - (20 \div 4) \\ = 120 - 5 = 115$$

$$\underline{4.} \quad 32 - (3 \times 5) + 4 = 32 - 15 + 4 = 17 + 4 = 21$$

$$\underline{5.} \quad 3 - (5 - 6 \div 3) = 3 - (5 - 2) = 3 - 3 = 0$$

$$\underline{6.} \quad 21 - 12 \div 3 \times 2 = 21 - (12 \div 3) \times 2 \\ = 21 - 4 \times 2 = 21 - 8 = 13$$

$$\underline{7.} \quad 16 + 8 \div 4 - 2 \times 3 = 16 + (8 \div 4) - (2 \times 3) \\ = 16 + 2 - 6 = 18 - 6 = 12$$

$$\underline{8.} \quad 28 - 5 \times 6 + 2 = 28 - 30 + 2 \\ = -2 + 2 = 0$$

$$\underline{9.} \quad (-20) \times (-1) + (-28) \div 7 = \{(-20) \times (-1)\} + \{(-28) \div 7\} \\ = 20 + (-4) \\ = 20 - 4 = 16$$

$$\begin{aligned} \underline{10.} \quad & (-2) + (-8) \div (-4) \\ & = (-2) + \{(-8) \div (-4)\} = (-2) + (2) \\ & = 0 \end{aligned}$$

$$\begin{aligned} \underline{11} \quad & (-15) + 4 \div (5-3) = (-15) + 4 \div 2 \\ & = -15 + 2 = -13 \end{aligned}$$

$$\begin{aligned} \underline{12.} \quad & (-40) \times (-1) + (-28) \div 7 \\ & = 40 + (-28 \div 7) = 40 + (-4) = 40 - 4 = 36 \end{aligned}$$

$$\begin{aligned} \underline{13} \quad & (-3) + (-8) \div (-4) - 2 \times (-2) \\ & = (-3) + \{(-8) \div (-4)\} - \{2 \times (-2)\} \\ & = (-3) + 2 - (-4) = -3 + 2 + 4 = -1 + 4 = 3 \end{aligned}$$

$$\begin{aligned} \underline{14} \quad & (-3) \times (-4) \div (-2) + (-1) \\ & = (-3) \times \{(-4) \div (-2)\} + (-1) = (-3) \times 2 + (-1) \\ & = -6 - 1 = -7 \end{aligned}$$