

HW  
1/07/2021

# Exercise 9 (A)

Date

$$\begin{aligned} 1. & 19 - (1 + 5) - 3 \\ & = 19 - 6 - 3 \\ & = 19 - 13 - 3 \\ & = 10 \end{aligned}$$

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

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

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

$$\begin{aligned} 5. & [18 - (15 \div 5) + 6] \\ & = [18 - 3 + 6] \\ & = [18 - 9] + 6 \\ & = 9 + 6 \\ & = 15 \end{aligned}$$

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

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

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

$$\begin{aligned}
 (9) \quad & 34 - [29 - \{30 + 66 \div (24 - 28 - 26)\}] \\
 & = 34 - [29 - \{30 + 66 \div (24 - 27)\}] \\
 & = 34 - [29 - \{30 + 66 \div 22\}] \\
 & = 34 - [29 - \{30 + 3\}] \\
 & = 34 - [29 - 33] \\
 & = 34 - (-4) \\
 & = 34 + 4 \\
 & = 38
 \end{aligned}$$

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

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

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

$$\begin{aligned}
 &12 - 15 - 16 + 17 \\
 &21 \times 2 - 4 + 8 = \\
 &201 - 101 = 100 \\
 &201 - 101 = 100 \\
 &22 =
 \end{aligned}$$

$$\begin{aligned}
 &[ (2 + 4) - 3 ] - 5 \\
 &[ 201 - 23 - 8 ] - 99 = \\
 &[ 10 - 3 ] - 99 = \\
 &[ 5 + 5 ] - 99 = \\
 &11 = 2 - 99 =
 \end{aligned}$$

$$\begin{aligned}
 &[ (10 - 25 - 40) - 22 + 08 ] - 95 - 48 \\
 &[ (10 - 40) - 22 + 08 ] - 95 - 48 = \\
 &[ 30 - 22 + 08 ] - 95 - 48 = \\
 &[ 16 + 08 ] - 95 - 48 = \\
 &[ 24 - 95 ] - 48 = \\
 &(4 - ) - 48 = \\
 &4 + 48 = \\
 &28 =
 \end{aligned}$$

$$\begin{aligned}
 &[ (2 - 2 \times 4) - 21 ] - 02 \\
 &[ (2 - 40) - 21 ] - 02 = \\
 &[ 21 - 21 ] - 02 = \\
 &1 - 02 = \\
 &28 =
 \end{aligned}$$

$$\begin{aligned}
 &[ (10 - 2 - 4) - 21 + 27 - 01 ] - 25 \\
 &[ (10 - 2 + 18 - 4 - 2) - 21 ] - 25 = \\
 &[ 10 - 2 + 18 - 4 - 2 ] - 25 = \\
 &[ 15 - 2 + 18 - 4 - 2 ] - 25 = \\
 &15 - 2 - 25 = [ 4 ] - 25 =
 \end{aligned}$$