

Order of Operations Worksheet Answer Key

Would You Like Fries With That?

Solve.

$$\begin{aligned} 1. & (1 - 4) - (1 - 3) \\ & (-3) - (-2) \\ & = -3 + 2 = -1 \end{aligned}$$

$$\begin{aligned} 2. & 28 + 2(3 - 4) \\ & 28 + 2(-1) \\ & = 28 - 2 = 26 \end{aligned}$$

$$\begin{aligned} 3. & 3^3 + 3(10 \div 5) - 2 \times 2 \\ & 27 + 3(2) - 4 \\ & = (27 + 6) - 4 \\ & = 33 - 4 = 29 \end{aligned}$$

$$\begin{aligned} 4. & 3(5 - 8) + 4 - 2 \times 3 - 1 \times (-2) \\ & 3(-3) + 4 - 6 - (-2) \\ & = (-9 + 4) - 6 + 2 \\ & = (-5 - 6) + 2 = -11 + 2 = -9 \end{aligned}$$

$$\begin{aligned} 5. & \frac{8}{4} + 2 \times 4 + 7 \times (-1) \\ & 2 + 8 - 7 = 10 - 7 = 3 \end{aligned}$$

$$\begin{aligned} 6. & \frac{2(-18 + 6)}{6^2} \\ & \frac{2(-12)}{36} \\ & = -\frac{24}{36} = -\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 7. & 3(5 - 24 \div (2 \times 3)) - (-2)(-1) \\ & 3(5 - 24 \div (6)) - (2) \\ & = 3(5 - 4) - 2 \\ & = 3(1) - 2 = 1 \end{aligned}$$

$$\begin{aligned} 8. & (23 - 27) \times 4 \div 6 \\ & (-4 \times 4) \div 6 \\ & = -16 \div 6 = -\frac{8}{3} \end{aligned}$$

$$\begin{aligned} 9. & 3(5) - 27 \div 9 + 9 \times 2 \\ & 15 - 3 + 18 \\ & = 12 + 18 = 30 \end{aligned}$$

$$\begin{aligned} 10. & \frac{8(34 \div 2 + 7)}{3 + 5^2} \\ & = \frac{8(17 + 7)}{3 + 25} = \frac{8(24)}{28} = \frac{48}{7} \end{aligned}$$

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