

**Order of Operations** (BEDMAS, BIDMAS, BODMAS, PIDMAS, PEDMAS, PODMAS) Date: \_\_\_\_\_ Name: \_\_\_\_\_

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[1]  $(12 \times 5 - 2^2) + 7$

[6]  $(72 - 6^2) \div (11 - 2)$

[2]  $(40 - 4) \div 3 + 3^2$

[7]  $(3 \times 5 - 2^2) + 8$

[3]  $(10 + 4)^2 + (16 \div 4)$

[8]  $8 \times (9 + 5) - 7^2$

[4]  $4 \times (12 + 4) - 2^2$

[9]  $(45 - 3^2) \div (15 + 3)$

[5]  $(32 - 4) \div 2 + 5^2$

[10]  $(2 + 5)^2 + (15 \div 5)$

# ANSWERS

## Order of Operations

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$$\begin{aligned} [1] \quad & (12 \times 5 - 2^2) + 7 \\ & (12 \times 5 - 4) + 7 \\ & (60 - 4) + 7 \\ & 56 + 7 \\ & 63 \end{aligned}$$

$$\begin{aligned} [6] \quad & (72 - 6^2) \div (11 - 2) \\ & (72 - 36) \div (11 - 2) \\ & 36 \div 9 \\ & 4 \end{aligned}$$

$$\begin{aligned} [2] \quad & (40 - 4) \div 3 + 3^2 \\ & 36 \div 3 + 3^2 \\ & 36 \div 3 + 9 \\ & 12 + 9 \\ & 21 \end{aligned}$$

$$\begin{aligned} [7] \quad & (3 \times 5 - 2^2) + 8 \\ & (3 \times 5 - 4) + 8 \\ & (15 - 4) + 8 \\ & 11 + 8 \\ & 19 \end{aligned}$$

$$\begin{aligned} [3] \quad & (10 + 4)^2 + (16 \div 4) \\ & 14^2 + 4 \\ & 196 + 4 \\ & 200 \end{aligned}$$

$$\begin{aligned} [8] \quad & 8 \times (9 + 5) - 7^2 \\ & 8 \times 14 - 7^2 \\ & 8 \times 14 - 49 \\ & 112 - 49 \\ & 63 \end{aligned}$$

$$\begin{aligned} [4] \quad & 4 \times (12 + 4) - 2^2 \\ & 4 \times 16 - 2^2 \\ & 4 \times 16 - 4 \\ & 64 - 4 \\ & 60 \end{aligned}$$

$$\begin{aligned} [9] \quad & (45 - 3^2) \div (15 + 3) \\ & (45 - 9) \div (15 + 3) \\ & 36 \div 18 \\ & 2 \end{aligned}$$

$$\begin{aligned} [5] \quad & (32 - 4) \div 2 + 5^2 \\ & 28 \div 2 + 5^2 \\ & 28 \div 2 + 25 \\ & 14 + 25 \\ & 39 \end{aligned}$$

$$\begin{aligned} [10] \quad & (2 + 5)^2 + (15 \div 5) \\ & 7^2 + 3 \\ & 49 + 3 \\ & 52 \end{aligned}$$