

# Order of Operations (I)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each expression using the correct order of operations.

$$(3 + 5 - 8)^2 \times 9$$

$$6^2 + 10 \times (9 \div 3)$$

$$(5 + 7^2 - 6) \times 2$$

$$8 \times (9 + 5 - 2^3)$$

$$(4^2 - 10 + 6) \times 5$$

$$(2^2 + 8 - 4) \times 7$$

$$(3^2 + 4) \div (9 - 8)$$

$$(3^3 - 10) \times 4 + 5$$

$$(4^3 + 5) \times (9 - 8)$$

$$6 + 7 \div (10 - 3^2)$$

# Order of Operations (I)

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Date: \_\_\_\_\_

Solve each expression using the correct order of operations.

$$\begin{aligned} & (3 + 5 - 8)^2 \times 9 \\ &= (8 - 8)^2 \times 9 \\ &= 0^2 \times 9 \\ &= 0 \times 9 \\ &= 0 \end{aligned}$$

$$\begin{aligned} & 6^2 + 10 \times (9 \div 3) \\ &= 6^2 + 10 \times 3 \\ &= 36 + 10 \times 3 \\ &= 36 + 30 \\ &= 66 \end{aligned}$$

$$\begin{aligned} & (5 + 7^2 - 6) \times 2 \\ &= (5 + 49 - 6) \times 2 \\ &= (54 - 6) \times 2 \\ &= 48 \times 2 \\ &= 96 \end{aligned}$$

$$\begin{aligned} & 8 \times (9 + 5 - 2^3) \\ &= 8 \times (9 + 5 - 8) \\ &= 8 \times (14 - 8) \\ &= 8 \times 6 \\ &= 48 \end{aligned}$$

$$\begin{aligned} & (4^2 - 10 + 6) \times 5 \\ &= (16 - 10 + 6) \times 5 \\ &= (6 + 6) \times 5 \\ &= 12 \times 5 \\ &= 60 \end{aligned}$$

$$\begin{aligned} & (2^2 + 8 - 4) \times 7 \\ &= (4 + 8 - 4) \times 7 \\ &= (12 - 4) \times 7 \\ &= 8 \times 7 \\ &= 56 \end{aligned}$$

$$\begin{aligned} & (3^2 + 4) \div (9 - 8) \\ &= (9 + 4) \div (9 - 8) \\ &= 13 \div (9 - 8) \\ &= 13 \div 1 \\ &= 13 \end{aligned}$$

$$\begin{aligned} & (3^3 - 10) \times 4 + 5 \\ &= (27 - 10) \times 4 + 5 \\ &= 17 \times 4 + 5 \\ &= 68 + 5 \\ &= 73 \end{aligned}$$

$$\begin{aligned} & (4^3 + 5) \times (9 - 8) \\ &= (64 + 5) \times (9 - 8) \\ &= 69 \times (9 - 8) \\ &= 69 \times 1 \\ &= 69 \end{aligned}$$

$$\begin{aligned} & 6 + 7 \div (10 - 3^2) \\ &= 6 + 7 \div (10 - 9) \\ &= 6 + 7 \div 1 \\ &= 6 + 7 \\ &= 13 \end{aligned}$$