

# Order of Operations (J)

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

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

Simplify each expression using the correct order of operations.

$$2 + 8 \times (7 - 5 + 6)$$

$$3 \times (8 + 10 - 9 - 6)$$

$$(10 + 2 - 7) \times (6 + 9)$$

$$(9 + 2 - 8) \times (6 + 3)$$

$$(4 \times 3 + 8 - 10) \times 7$$

$$(8 - 3) \times 10 + 9 - 2$$

$$(9 - 6) \times (5 + 8 \times 3)$$

$$(6 - 5 + 2) \times 9 - 8$$

$$(9 - 4) \times 8 + 10 - 2$$

$$(7 + 8 - 2 \times 6) \times 10$$

# Order of Operations (J)

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned}2 + 8 \times (7 - 5 + 6) \\&= 2 + 8 \times (2 + 6) \\&= 2 + 8 \times 8 \\&= 2 + 64 \\&= 66\end{aligned}$$

$$\begin{aligned}3 \times (8 + 10 - 9 - 6) \\&= 3 \times (18 - 9 - 6) \\&= 3 \times (9 - 6) \\&= 3 \times 3 \\&= 9\end{aligned}$$

$$\begin{aligned}(10 + 2 - 7) \times (6 + 9) \\&= (12 - 7) \times (6 + 9) \\&= 5 \times (6 + 9) \\&= 5 \times 15 \\&= 75\end{aligned}$$

$$\begin{aligned}(9 + 2 - 8) \times (6 + 3) \\&= (11 - 8) \times (6 + 3) \\&= 3 \times (6 + 3) \\&= 3 \times 9 \\&= 27\end{aligned}$$

$$\begin{aligned}(4 \times 3 + 8 - 10) \times 7 \\&= (12 + 8 - 10) \times 7 \\&= (20 - 10) \times 7 \\&= 10 \times 7 \\&= 70\end{aligned}$$

$$\begin{aligned}(8 - 3) \times 10 + 9 - 2 \\&= 5 \times 10 + 9 - 2 \\&= 50 + 9 - 2 \\&= 59 - 2 \\&= 57\end{aligned}$$

$$\begin{aligned}(9 - 6) \times (5 + 8 \times 3) \\&= 3 \times (5 + 8 \times 3) \\&= 3 \times (5 + 24) \\&= 3 \times 29 \\&= 87\end{aligned}$$

$$\begin{aligned}(6 - 5 + 2) \times 9 - 8 \\&= (1 + 2) \times 9 - 8 \\&= 3 \times 9 - 8 \\&= 27 - 8 \\&= 19\end{aligned}$$

$$\begin{aligned}(9 - 4) \times 8 + 10 - 2 \\&= 5 \times 8 + 10 - 2 \\&= 40 + 10 - 2 \\&= 50 - 2 \\&= 48\end{aligned}$$

$$\begin{aligned}(7 + 8 - 2 \times 6) \times 10 \\&= (7 + 8 - 12) \times 10 \\&= (15 - 12) \times 10 \\&= 3 \times 10 \\&= 30\end{aligned}$$