

# Order of Operations (J)

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

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

Simplify each expression using the correct order of operations.

$$3 \times (5 + 9) \times 2 + 10$$

$$2 \times (6 + 8 + 5 \times 3)$$

$$(9 + 8 \times 2 + 4) \times 3$$

$$(3 + 5) \times 6 + 4 \times 7$$

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

$$3 \times (10 + 7 + 5 \times 2)$$

$$3 \times (4 + 5 + 6 \times 2)$$

$$(4 + 10) \times 2 + 7 \times 9$$

$$3 \times (7 + 6 \times 4 + 2)$$

$$(7 \times 2 + 4) \times 5 + 6$$

# Order of Operations (J)

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} &3 \times (5 + 9) \times 2 + 10 \\ &= 3 \times 14 \times 2 + 10 \\ &= 42 \times 2 + 10 \\ &= 84 + 10 \\ &= 94 \end{aligned}$$

$$\begin{aligned} &2 \times (6 + 8 + 5 \times 3) \\ &= 2 \times (6 + 8 + 15) \\ &= 2 \times (14 + 15) \\ &= 2 \times 29 \\ &= 58 \end{aligned}$$

$$\begin{aligned} &(9 + 8 \times 2 + 4) \times 3 \\ &= (9 + 16 + 4) \times 3 \\ &= (25 + 4) \times 3 \\ &= 29 \times 3 \\ &= 87 \end{aligned}$$

$$\begin{aligned} &(3 + 5) \times 6 + 4 \times 7 \\ &= 8 \times 6 + 4 \times 7 \\ &= 48 + 4 \times 7 \\ &= 48 + 28 \\ &= 76 \end{aligned}$$

$$\begin{aligned} &(2 \times (9 + 6)) \times 3 + 10 \\ &= (2 \times 15) \times 3 + 10 \\ &= 30 \times 3 + 10 \\ &= 90 + 10 \\ &= 100 \end{aligned}$$

$$\begin{aligned} &3 \times (10 + 7 + 5 \times 2) \\ &= 3 \times (10 + 7 + 10) \\ &= 3 \times (17 + 10) \\ &= 3 \times 27 \\ &= 81 \end{aligned}$$

$$\begin{aligned} &3 \times (4 + 5 + 6 \times 2) \\ &= 3 \times (4 + 5 + 12) \\ &= 3 \times (9 + 12) \\ &= 3 \times 21 \\ &= 63 \end{aligned}$$

$$\begin{aligned} &(4 + 10) \times 2 + 7 \times 9 \\ &= 14 \times 2 + 7 \times 9 \\ &= 28 + 7 \times 9 \\ &= 28 + 63 \\ &= 91 \end{aligned}$$

$$\begin{aligned} &3 \times (7 + 6 \times 4 + 2) \\ &= 3 \times (7 + 24 + 2) \\ &= 3 \times (31 + 2) \\ &= 3 \times 33 \\ &= 99 \end{aligned}$$

$$\begin{aligned} &(7 \times 2 + 4) \times 5 + 6 \\ &= (14 + 4) \times 5 + 6 \\ &= 18 \times 5 + 6 \\ &= 90 + 6 \\ &= 96 \end{aligned}$$