

Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$3 \times (10 + 6 - 7 + 9)$$

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

$$9 - 2 + 8 \times (4 + 6)$$

$$(3 + 8 - 4 \times 2) \times 7$$

$$(9 + 2) \times 5 - 8 + 4$$

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

$$5 \times (6 + 10 - 3 + 2)$$

$$(9 - 7) \times 8 + 4 \times 5$$

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

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

Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 3 \times (10 + 6 - 7 + 9) \\ & = 3 \times (16 - 7 + 9) \\ & = 3 \times (9 + 9) \\ & = 3 \times 18 \\ & = 54 \end{aligned}$$

$$\begin{aligned} & (9 + 4 \times 7 - 10) \times 2 \\ & = (9 + 28 - 10) \times 2 \\ & = (37 - 10) \times 2 \\ & = 27 \times 2 \\ & = 54 \end{aligned}$$

$$\begin{aligned} & 9 - 2 + 8 \times (4 + 6) \\ & = 9 - 2 + 8 \times 10 \\ & = 9 - 2 + 80 \\ & = 7 + 80 \\ & = 87 \end{aligned}$$

$$\begin{aligned} & (3 + 8 - 4 \times 2) \times 7 \\ & = (3 + 8 - 8) \times 7 \\ & = (11 - 8) \times 7 \\ & = 3 \times 7 \\ & = 21 \end{aligned}$$

$$\begin{aligned} & (9 + 2) \times 5 - 8 + 4 \\ & = 11 \times 5 - 8 + 4 \\ & = 55 - 8 + 4 \\ & = 47 + 4 \\ & = 51 \end{aligned}$$

$$\begin{aligned} & (9 - 7) \times (2 + 6 + 10) \\ & = 2 \times (2 + 6 + 10) \\ & = 2 \times (8 + 10) \\ & = 2 \times 18 \\ & = 36 \end{aligned}$$

$$\begin{aligned} & 5 \times (6 + 10 - 3 + 2) \\ & = 5 \times (16 - 3 + 2) \\ & = 5 \times (13 + 2) \\ & = 5 \times 15 \\ & = 75 \end{aligned}$$

$$\begin{aligned} & (9 - 7) \times 8 + 4 \times 5 \\ & = 2 \times 8 + 4 \times 5 \\ & = 16 + 4 \times 5 \\ & = 16 + 20 \\ & = 36 \end{aligned}$$

$$\begin{aligned} & (7 \times (4 + 3 - 6)) \times 2 \\ & = (7 \times (7 - 6)) \times 2 \\ & = (7 \times 1) \times 2 \\ & = 7 \times 2 \\ & = 14 \end{aligned}$$

$$\begin{aligned} & 3 \times (8 + 2 - 4 + 9) \\ & = 3 \times (10 - 4 + 9) \\ & = 3 \times (6 + 9) \\ & = 3 \times 15 \\ & = 45 \end{aligned}$$

Order of Operations (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

$$7 \times (8 + 2 - 5 - 4)$$

$$(4 + 3 - 7) \times (9 + 2)$$

$$5 \times (10 - 9 + 6 - 4)$$

$$(9 - 6) \times (7 + 10 - 4)$$

$$(6 - 4) \times (10 + 8 + 3)$$

$$(10 \times 2 + 7 - 8) \times 4$$

$$(10 - 8) \times (4 + 5 - 7)$$

$$9 \times (6 + 5 - 2 \times 4)$$

$$(5 + 3) \times 8 - 9 - 10$$

Order of Operations (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned}(6 + 9 \times (8 - 5)) \times 2 \\ &= (6 + 9 \times 3) \times 2 \\ &= (6 + 27) \times 2 \\ &= 33 \times 2 \\ &= 66\end{aligned}$$

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

$$\begin{aligned}(4 + 3 - 7) \times (9 + 2) \\ &= (7 - 7) \times (9 + 2) \\ &= 0 \times (9 + 2) \\ &= 0 \times 11 \\ &= 0\end{aligned}$$

$$\begin{aligned}5 \times (10 - 9 + 6 - 4) \\ &= 5 \times (1 + 6 - 4) \\ &= 5 \times (7 - 4) \\ &= 5 \times 3 \\ &= 15\end{aligned}$$

$$\begin{aligned}(9 - 6) \times (7 + 10 - 4) \\ &= 3 \times (7 + 10 - 4) \\ &= 3 \times (17 - 4) \\ &= 3 \times 13 \\ &= 39\end{aligned}$$

$$\begin{aligned}(6 - 4) \times (10 + 8 + 3) \\ &= 2 \times (10 + 8 + 3) \\ &= 2 \times (18 + 3) \\ &= 2 \times 21 \\ &= 42\end{aligned}$$

$$\begin{aligned}(10 \times 2 + 7 - 8) \times 4 \\ &= (20 + 7 - 8) \times 4 \\ &= (27 - 8) \times 4 \\ &= 19 \times 4 \\ &= 76\end{aligned}$$

$$\begin{aligned}(10 - 8) \times (4 + 5 - 7) \\ &= 2 \times (4 + 5 - 7) \\ &= 2 \times (9 - 7) \\ &= 2 \times 2 \\ &= 4\end{aligned}$$

$$\begin{aligned}9 \times (6 + 5 - 2 \times 4) \\ &= 9 \times (6 + 5 - 8) \\ &= 9 \times (11 - 8) \\ &= 9 \times 3 \\ &= 27\end{aligned}$$

$$\begin{aligned}(5 + 3) \times 8 - 9 - 10 \\ &= 8 \times 8 - 9 - 10 \\ &= 64 - 9 - 10 \\ &= 55 - 10 \\ &= 45\end{aligned}$$

Order of Operations (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$5 \times (9 + 4 - 10 + 3)$$

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

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

$$(3 - 2) \times (5 + 8 - 10)$$

$$(5 + 6 - 3) \times 2 + 7$$

$$(3 + 10) \times (6 - 5 + 2)$$

$$(10 - 8) \times 6 + 7 - 9$$

$$5 + 10 \times (8 - 6 + 7)$$

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

$$(3 + 10 - 7) \times 4 - 9$$

Order of Operations (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} &5 \times (9 + 4 - 10 + 3) \\ &= 5 \times (13 - 10 + 3) \\ &= 5 \times (3 + 3) \\ &= \underline{5 \times 6} \\ &= 30 \end{aligned}$$

$$\begin{aligned} &6 \times (10 + 3 - 9 + 2) \\ &= 6 \times (13 - 9 + 2) \\ &= 6 \times (4 + 2) \\ &= \underline{6 \times 6} \\ &= 36 \end{aligned}$$

$$\begin{aligned} &(4 + 8) \times 2 - 10 - 9 \\ &= \underline{12 \times 2} - 10 - 9 \\ &= \underline{24 - 10} - 9 \\ &= \underline{14 - 9} \\ &= 5 \end{aligned}$$

$$\begin{aligned} &(3 - 2) \times (5 + 8 - 10) \\ &= 1 \times (\underline{5 + 8} - 10) \\ &= 1 \times (\underline{13 - 10}) \\ &= \underline{1 \times 3} \\ &= 3 \end{aligned}$$

$$\begin{aligned} &(\underline{5 + 6} - 3) \times 2 + 7 \\ &= (\underline{11 - 3}) \times 2 + 7 \\ &= \underline{8 \times 2} + 7 \\ &= \underline{16 + 7} \\ &= 23 \end{aligned}$$

$$\begin{aligned} &(\underline{3 + 10}) \times (6 - 5 + 2) \\ &= 13 \times (\underline{6 - 5} + 2) \\ &= 13 \times (\underline{1 + 2}) \\ &= \underline{13 \times 3} \\ &= 39 \end{aligned}$$

$$\begin{aligned} &(\underline{10 - 8}) \times 6 + 7 - 9 \\ &= \underline{2 \times 6} + 7 - 9 \\ &= \underline{12 + 7} - 9 \\ &= \underline{19 - 9} \\ &= 10 \end{aligned}$$

$$\begin{aligned} &5 + 10 \times (\underline{8 - 6} + 7) \\ &= 5 + 10 \times (\underline{2 + 7}) \\ &= 5 + \underline{10 \times 9} \\ &= \underline{5 + 90} \\ &= 95 \end{aligned}$$

$$\begin{aligned} &(\underline{9 - 6}) \times (7 + 10 + 2) \\ &= 3 \times (\underline{7 + 10} + 2) \\ &= 3 \times (\underline{17 + 2}) \\ &= \underline{3 \times 19} \\ &= 57 \end{aligned}$$

$$\begin{aligned} &(\underline{3 + 10} - 7) \times 4 - 9 \\ &= (\underline{13 - 7}) \times 4 - 9 \\ &= \underline{6 \times 4} - 9 \\ &= \underline{24 - 9} \\ &= 15 \end{aligned}$$

Order of Operations (D)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(8 - 3) \times (7 + 4 - 6)$$

$$(5 + 8 - 10) \times (9 + 3)$$

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

$$5 \times (2 + 8 - 4 + 3)$$

$$(10 + 3) \times 7 - 5 - 8$$

$$(7 + 5) \times 4 - 3 - 9$$

$$3 \times (7 - 4 + 2 - 5)$$

$$(10 - 4 + 9) \times (2 + 3)$$

$$(7 - 4 + 6) \times (10 - 3)$$

$$(2 + 10 - 4) \times (9 - 3)$$

Order of Operations (D)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (8 - 3) \times (7 + 4 - 6) \\ &= 5 \times (7 + 4 - 6) \\ &= 5 \times (11 - 6) \\ &= \underline{5 \times 5} \\ &= 25 \end{aligned}$$

$$\begin{aligned} & (5 + 8 - 10) \times (9 + 3) \\ &= (13 - 10) \times (9 + 3) \\ &= 3 \times (9 + 3) \\ &= \underline{3 \times 12} \\ &= 36 \end{aligned}$$

$$\begin{aligned} & (10 + 4 - 6) \times (5 + 2) \\ &= (14 - 6) \times (5 + 2) \\ &= 8 \times (5 + 2) \\ &= \underline{8 \times 7} \\ &= 56 \end{aligned}$$

$$\begin{aligned} & 5 \times (2 + 8 - 4 + 3) \\ &= 5 \times (10 - 4 + 3) \\ &= 5 \times (6 + 3) \\ &= \underline{5 \times 9} \\ &= 45 \end{aligned}$$

$$\begin{aligned} & (10 + 3) \times 7 - 5 - 8 \\ &= \underline{13 \times 7} - 5 - 8 \\ &= \underline{91 - 5} - 8 \\ &= \underline{86 - 8} \\ &= 78 \end{aligned}$$

$$\begin{aligned} & (7 + 5) \times 4 - 3 - 9 \\ &= \underline{12 \times 4} - 3 - 9 \\ &= \underline{48 - 3} - 9 \\ &= \underline{45 - 9} \\ &= 36 \end{aligned}$$

$$\begin{aligned} & 3 \times (7 - 4 + 2 - 5) \\ &= 3 \times (3 + 2 - 5) \\ &= 3 \times (5 - 5) \\ &= \underline{3 \times 0} \\ &= 0 \end{aligned}$$

$$\begin{aligned} & (10 - 4 + 9) \times (2 + 3) \\ &= (6 + 9) \times (2 + 3) \\ &= 15 \times (2 + 3) \\ &= \underline{15 \times 5} \\ &= 75 \end{aligned}$$

$$\begin{aligned} & (7 - 4 + 6) \times (10 - 3) \\ &= (3 + 6) \times (10 - 3) \\ &= 9 \times (10 - 3) \\ &= \underline{9 \times 7} \\ &= 63 \end{aligned}$$

$$\begin{aligned} & (2 + 10 - 4) \times (9 - 3) \\ &= (12 - 4) \times (9 - 3) \\ &= 8 \times (9 - 3) \\ &= \underline{8 \times 6} \\ &= 48 \end{aligned}$$

Order of Operations (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(10 + 9 \times 4 - 5) \times 2$$

$$(4 - 2) \times 8 + 3 - 5$$

$$8 \times (7 + 6 - 9 - 2)$$

$$(8 + 4) \times 2 - 7 + 9$$

$$(2 \times 6 + 3 - 4) \times 8$$

$$5 \times (3 + 4 - 2 + 9)$$

$$3 + 5 \times (9 - 4 - 2)$$

$$10 \times (7 + 5 - 4 + 2)$$

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

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

Order of Operations (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned}(10 + 9 \times 4 - 5) \times 2 \\ &= (10 + 36 - 5) \times 2 \\ &= (46 - 5) \times 2 \\ &= 41 \times 2 \\ &= 82\end{aligned}$$

$$\begin{aligned}(4 - 2) \times 8 + 3 - 5 \\ &= 2 \times 8 + 3 - 5 \\ &= 16 + 3 - 5 \\ &= 19 - 5 \\ &= 14\end{aligned}$$

$$\begin{aligned}8 \times (7 + 6 - 9 - 2) \\ &= 8 \times (13 - 9 - 2) \\ &= 8 \times (4 - 2) \\ &= 8 \times 2 \\ &= 16\end{aligned}$$

$$\begin{aligned}(8 + 4) \times 2 - 7 + 9 \\ &= 12 \times 2 - 7 + 9 \\ &= 24 - 7 + 9 \\ &= 17 + 9 \\ &= 26\end{aligned}$$

$$\begin{aligned}(2 \times 6 + 3 - 4) \times 8 \\ &= (12 + 3 - 4) \times 8 \\ &= (15 - 4) \times 8 \\ &= 11 \times 8 \\ &= 88\end{aligned}$$

$$\begin{aligned}5 \times (3 + 4 - 2 + 9) \\ &= 5 \times (7 - 2 + 9) \\ &= 5 \times (5 + 9) \\ &= 5 \times 14 \\ &= 70\end{aligned}$$

$$\begin{aligned}3 + 5 \times (9 - 4 - 2) \\ &= 3 + 5 \times (5 - 2) \\ &= 3 + 5 \times 3 \\ &= 3 + 15 \\ &= 18\end{aligned}$$

$$\begin{aligned}10 \times (7 + 5 - 4 + 2) \\ &= 10 \times (12 - 4 + 2) \\ &= 10 \times (8 + 2) \\ &= 10 \times 10 \\ &= 100\end{aligned}$$

$$\begin{aligned}2 \times (10 + 7 - 9 + 6) \\ &= 2 \times (17 - 9 + 6) \\ &= 2 \times (8 + 6) \\ &= 2 \times 14 \\ &= 28\end{aligned}$$

$$\begin{aligned}(2 + 8) \times 5 - 3 - 9 \\ &= 10 \times 5 - 3 - 9 \\ &= 50 - 3 - 9 \\ &= 47 - 9 \\ &= 38\end{aligned}$$

Order of Operations (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(4 + 3) \times 7 - 5 + 9$$

$$(3 \times 2 - 6 + 10) \times 5$$

$$(9 + 5) \times 6 - 7 + 3$$

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

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

$$(2 + 6) \times 5 - 8 - 4$$

$$3 \times (6 + 10 - 5 - 4)$$

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

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

$$(5 - 3 + 7) \times 4 - 2$$

Order of Operations (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (4 + 3) \times 7 - 5 + 9 \\ & = 7 \times 7 - 5 + 9 \\ & = 49 - 5 + 9 \\ & = 44 + 9 \\ & = 53 \end{aligned}$$

$$\begin{aligned} & (3 \times 2 - 6 + 10) \times 5 \\ & = (6 - 6 + 10) \times 5 \\ & = (0 + 10) \times 5 \\ & = 10 \times 5 \\ & = 50 \end{aligned}$$

$$\begin{aligned} & (9 + 5) \times 6 - 7 + 3 \\ & = 14 \times 6 - 7 + 3 \\ & = 84 - 7 + 3 \\ & = 77 + 3 \\ & = 80 \end{aligned}$$

$$\begin{aligned} & (10 + 9 - 2) \times (6 - 3) \\ & = (19 - 2) \times (6 - 3) \\ & = 17 \times (6 - 3) \\ & = 17 \times 3 \\ & = 51 \end{aligned}$$

$$\begin{aligned} & (8 - 2) \times (4 + 3 + 9) \\ & = 6 \times (4 + 3 + 9) \\ & = 6 \times (7 + 9) \\ & = 6 \times 16 \\ & = 96 \end{aligned}$$

$$\begin{aligned} & (2 + 6) \times 5 - 8 - 4 \\ & = 8 \times 5 - 8 - 4 \\ & = 40 - 8 - 4 \\ & = 32 - 4 \\ & = 28 \end{aligned}$$

$$\begin{aligned} & 3 \times (6 + 10 - 5 - 4) \\ & = 3 \times (16 - 5 - 4) \\ & = 3 \times (11 - 4) \\ & = 3 \times 7 \\ & = 21 \end{aligned}$$

$$\begin{aligned} & 6 \times (5 + 8 - 9) \times 3 \\ & = 6 \times (13 - 9) \times 3 \\ & = 6 \times 4 \times 3 \\ & = 24 \times 3 \\ & = 72 \end{aligned}$$

$$\begin{aligned} & 7 \times (6 + 8 - 2 - 5) \\ & = 7 \times (14 - 2 - 5) \\ & = 7 \times (12 - 5) \\ & = 7 \times 7 \\ & = 49 \end{aligned}$$

$$\begin{aligned} & (5 - 3 + 7) \times 4 - 2 \\ & = (2 + 7) \times 4 - 2 \\ & = 9 \times 4 - 2 \\ & = 36 - 2 \\ & = 34 \end{aligned}$$

Order of Operations (G)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$10 + 5 \times (9 - 2 + 4)$$

$$(2 \times 4 - 5 + 3) \times 10$$

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

$$(7 - 4) \times 9 + 2 \times 6$$

$$10 \times (5 + 8 - 6 - 7)$$

$$(6 - 5 + 8) \times (9 - 7)$$

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

$$2 \times (5 - 3 + 4 + 8)$$

$$7 \times (8 - 3 + 5 - 6)$$

$$3 \times (6 + 4 - 5 + 9)$$

Order of Operations (G)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned}10 + 5 \times (9 - 2 + 4) \\&= 10 + 5 \times (7 + 4) \\&= 10 + 5 \times 11 \\&= 10 + 55 \\&= 65\end{aligned}$$

$$\begin{aligned}(2 \times 4 - 5 + 3) \times 10 \\&= (8 - 5 + 3) \times 10 \\&= (3 + 3) \times 10 \\&= 6 \times 10 \\&= 60\end{aligned}$$

$$\begin{aligned}(2 + 5) \times 7 - 6 \times 8 \\&= 7 \times 7 - 6 \times 8 \\&= 49 - 6 \times 8 \\&= 49 - 48 \\&= 1\end{aligned}$$

$$\begin{aligned}(7 - 4) \times 9 + 2 \times 6 \\&= 3 \times 9 + 2 \times 6 \\&= 27 + 2 \times 6 \\&= 27 + 12 \\&= 39\end{aligned}$$

$$\begin{aligned}10 \times (5 + 8 - 6 - 7) \\&= 10 \times (13 - 6 - 7) \\&= 10 \times (7 - 7) \\&= 10 \times 0 \\&= 0\end{aligned}$$

$$\begin{aligned}(6 - 5 + 8) \times (9 - 7) \\&= (1 + 8) \times (9 - 7) \\&= 9 \times (9 - 7) \\&= 9 \times 2 \\&= 18\end{aligned}$$

$$\begin{aligned}6 - 2 + 3 \times (7 - 4) \\&= 6 - 2 + 3 \times 3 \\&= 6 - 2 + 9 \\&= 4 + 9 \\&= 13\end{aligned}$$

$$\begin{aligned}2 \times (5 - 3 + 4 + 8) \\&= 2 \times (2 + 4 + 8) \\&= 2 \times (6 + 8) \\&= 2 \times 14 \\&= 28\end{aligned}$$

$$\begin{aligned}7 \times (8 - 3 + 5 - 6) \\&= 7 \times (5 + 5 - 6) \\&= 7 \times (10 - 6) \\&= 7 \times 4 \\&= 28\end{aligned}$$

$$\begin{aligned}3 \times (6 + 4 - 5 + 9) \\&= 3 \times (10 - 5 + 9) \\&= 3 \times (5 + 9) \\&= 3 \times 14 \\&= 42\end{aligned}$$

Order of Operations (H)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$2 \times (7 - 4 + 5 - 8)$$

$$(10 + 6 - 5 \times 2) \times 7$$

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

$$(2 + 10 - 6) \times (4 + 3)$$

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

$$(3 + 5 - 2) \times 10 + 4$$

$$(2 \times 6 + 5 - 10) \times 3$$

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

$$3 \times (7 - 4 + 8) \times 2$$

$$(2 + 4) \times 5 - 3 + 9$$

Order of Operations (H)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 2 \times (7 - 4 + 5 - 8) \\ & = 2 \times (3 + 5 - 8) \\ & = 2 \times (8 - 8) \\ & = \underline{2 \times 0} \\ & = 0 \end{aligned}$$

$$\begin{aligned} & (10 + 6 - 5 \times 2) \times 7 \\ & = (10 + 6 - 10) \times 7 \\ & = (16 - 10) \times 7 \\ & = \underline{6 \times 7} \\ & = 42 \end{aligned}$$

$$\begin{aligned} & (9 + 10) \times 4 - 7 - 2 \\ & = \underline{19 \times 4} - 7 - 2 \\ & = \underline{76 - 7} - 2 \\ & = \underline{69 - 2} \\ & = 67 \end{aligned}$$

$$\begin{aligned} & (2 + 10 - 6) \times (4 + 3) \\ & = (12 - 6) \times (4 + 3) \\ & = 6 \times (4 + 3) \\ & = \underline{6 \times 7} \\ & = 42 \end{aligned}$$

$$\begin{aligned} & (8 + 9) \times 3 - 2 + 4 \\ & = \underline{17 \times 3} - 2 + 4 \\ & = \underline{51 - 2} + 4 \\ & = \underline{49 + 4} \\ & = 53 \end{aligned}$$

$$\begin{aligned} & (3 + 5 - 2) \times 10 + 4 \\ & = (8 - 2) \times 10 + 4 \\ & = \underline{6 \times 10} + 4 \\ & = \underline{60 + 4} \\ & = 64 \end{aligned}$$

$$\begin{aligned} & (2 \times 6 + 5 - 10) \times 3 \\ & = (\underline{12 + 5} - 10) \times 3 \\ & = (\underline{17 - 10}) \times 3 \\ & = \underline{7 \times 3} \\ & = 21 \end{aligned}$$

$$\begin{aligned} & 4 + 10 \times (9 - 8 + 2) \\ & = 4 + 10 \times (\underline{1 + 2}) \\ & = 4 + \underline{10 \times 3} \\ & = \underline{4 + 30} \\ & = 34 \end{aligned}$$

$$\begin{aligned} & 3 \times (7 - 4 + 8) \times 2 \\ & = 3 \times (3 + 8) \times 2 \\ & = \underline{3 \times 11} \times 2 \\ & = \underline{33 \times 2} \\ & = 66 \end{aligned}$$

$$\begin{aligned} & (2 + 4) \times 5 - 3 + 9 \\ & = \underline{6 \times 5} - 3 + 9 \\ & = \underline{30 - 3} + 9 \\ & = \underline{27 + 9} \\ & = 36 \end{aligned}$$

Order of Operations (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$5 \times (2 + 9 - 7 + 10)$$

$$6 \times (10 + 7 - 4 - 3)$$

$$9 \times (3 + 2 - 5 + 4)$$

$$10 + 6 \times (9 - 2 + 5)$$

$$(6 + 4) \times (8 - 2 - 5)$$

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

$$(7 - 3) \times (10 + 5 + 4)$$

$$(10 - 4) \times (8 + 5 - 2)$$

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

$$10 \times (9 - 7 + 5 - 2)$$

Order of Operations (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} &5 \times (2 + 9 - 7 + 10) \\ &= 5 \times (11 - 7 + 10) \\ &= 5 \times (4 + 10) \\ &= \underline{5 \times 14} \\ &= 70 \end{aligned}$$

$$\begin{aligned} &6 \times (10 + 7 - 4 - 3) \\ &= 6 \times (17 - 4 - 3) \\ &= 6 \times (13 - 3) \\ &= \underline{6 \times 10} \\ &= 60 \end{aligned}$$

$$\begin{aligned} &9 \times (3 + 2 - 5 + 4) \\ &= 9 \times (5 - 5 + 4) \\ &= 9 \times (0 + 4) \\ &= \underline{9 \times 4} \\ &= 36 \end{aligned}$$

$$\begin{aligned} &10 + 6 \times (9 - 2 + 5) \\ &= 10 + 6 \times (7 + 5) \\ &= 10 + \underline{6 \times 12} \\ &= \underline{10 + 72} \\ &= 82 \end{aligned}$$

$$\begin{aligned} &(6 + 4) \times (8 - 2 - 5) \\ &= 10 \times (8 - 2 - 5) \\ &= 10 \times (6 - 5) \\ &= \underline{10 \times 1} \\ &= 10 \end{aligned}$$

$$\begin{aligned} &4 \times (10 - 2 + 5 + 6) \\ &= 4 \times (8 + 5 + 6) \\ &= 4 \times (13 + 6) \\ &= \underline{4 \times 19} \\ &= 76 \end{aligned}$$

$$\begin{aligned} &(7 - 3) \times (10 + 5 + 4) \\ &= 4 \times (10 + 5 + 4) \\ &= 4 \times (15 + 4) \\ &= \underline{4 \times 19} \\ &= 76 \end{aligned}$$

$$\begin{aligned} &(10 - 4) \times (8 + 5 - 2) \\ &= 6 \times (8 + 5 - 2) \\ &= 6 \times (13 - 2) \\ &= \underline{6 \times 11} \\ &= 66 \end{aligned}$$

$$\begin{aligned} &2 \times (5 + 7 - 3 + 8) \\ &= 2 \times (12 - 3 + 8) \\ &= 2 \times (9 + 8) \\ &= \underline{2 \times 17} \\ &= 34 \end{aligned}$$

$$\begin{aligned} &10 \times (9 - 7 + 5 - 2) \\ &= 10 \times (2 + 5 - 2) \\ &= 10 \times (7 - 2) \\ &= \underline{10 \times 5} \\ &= 50 \end{aligned}$$

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.

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

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

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

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

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

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

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

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

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

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