

Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$2 \times (6 + 7 - 3 + 4) \times (9 - 8)$$

$$(6 - 4) \times (9 + 5 - 7) \times (3 + 2)$$

$$6 - 3 + 5 \times (8 + 4) \times (10 - 9)$$

$$6 - 3 + 9 \times (4 \times (8 + 2 - 10))$$

$$(8 + 7 - 10) \times (9 - 3 + 4) \times 2$$

$$(10 - 9) \times (8 + 7 + 3 - 2) \times 6$$

Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 2 \times (6 + 7 - 3 + 4) \times (9 - 8) \\ & = 2 \times (13 - 3 + 4) \times (9 - 8) \\ & = 2 \times (10 + 4) \times (9 - 8) \\ & = 2 \times 14 \times (9 - 8) \\ & = 2 \times 14 \times 1 \\ & = 28 \times 1 \\ & = 28 \end{aligned}$$

$$\begin{aligned} & (6 - 4) \times (9 + 5 - 7) \times (3 + 2) \\ & = 2 \times (9 + 5 - 7) \times (3 + 2) \\ & = 2 \times (14 - 7) \times (3 + 2) \\ & = 2 \times 7 \times (3 + 2) \\ & = 2 \times 7 \times 5 \\ & = 14 \times 5 \\ & = 70 \end{aligned}$$

$$\begin{aligned} & 6 - 3 + 5 \times (8 + 4) \times (10 - 9) \\ & = 6 - 3 + 5 \times 12 \times (10 - 9) \\ & = 6 - 3 + 5 \times 12 \times 1 \\ & = 6 - 3 + 60 \times 1 \\ & = 6 - 3 + 60 \\ & = 3 + 60 \\ & = 63 \end{aligned}$$

$$\begin{aligned} & 6 - 3 + 9 \times (4 \times (8 + 2 - 10)) \\ & = 6 - 3 + 9 \times (4 \times (10 - 10)) \\ & = 6 - 3 + 9 \times (4 \times 0) \\ & = 6 - 3 + 9 \times 0 \\ & = 6 - 3 + 0 \\ & = 3 + 0 \\ & = 3 \end{aligned}$$

$$\begin{aligned} & (8 + 7 - 10) \times (9 - 3 + 4) \times 2 \\ & = (15 - 10) \times (9 - 3 + 4) \times 2 \\ & = 5 \times (9 - 3 + 4) \times 2 \\ & = 5 \times (6 + 4) \times 2 \\ & = 5 \times 10 \times 2 \\ & = 50 \times 2 \\ & = 100 \end{aligned}$$

$$\begin{aligned} & (10 - 9) \times (8 + 7 + 3 - 2) \times 6 \\ & = 1 \times (8 + 7 + 3 - 2) \times 6 \\ & = 1 \times (15 + 3 - 2) \times 6 \\ & = 1 \times (18 - 2) \times 6 \\ & = 1 \times 16 \times 6 \\ & = 16 \times 6 \\ & = 96 \end{aligned}$$

Order of Operations (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(5 + 4 - 2) \times (9 \times (3 + 7 - 10))$$

$$7 \times ((6 + 9 - 10 - 4 + 3) \times 2)$$

$$10 \times ((5 + 3 - 7 + 8 - 6) \times 2)$$

$$(4 + 5 - 8) \times (7 + 9 - 10) \times 2$$

$$4 \times ((8 - 7 + 2 + 3 - 5) \times 6)$$

$$((7 - 6) \times (4 + 9 + 10 - 8)) \times 2$$

Order of Operations (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (5 + 4 - 2) \times (9 \times (3 + 7 - 10)) \\ &= (9 - 2) \times (9 \times (3 + 7 - 10)) \\ &= 7 \times (9 \times (3 + 7 - 10)) \\ &= 7 \times (9 \times (10 - 10)) \\ &= 7 \times (9 \times 0) \\ &= 7 \times 0 \\ &= 0 \end{aligned}$$

$$\begin{aligned} & 7 \times ((6 + 9 - 10 - 4 + 3) \times 2) \\ &= 7 \times ((15 - 10 - 4 + 3) \times 2) \\ &= 7 \times ((5 - 4 + 3) \times 2) \\ &= 7 \times ((1 + 3) \times 2) \\ &= 7 \times (4 \times 2) \\ &= 7 \times 8 \\ &= 56 \end{aligned}$$

$$\begin{aligned} & 10 \times ((5 + 3 - 7 + 8 - 6) \times 2) \\ &= 10 \times ((8 - 7 + 8 - 6) \times 2) \\ &= 10 \times ((1 + 8 - 6) \times 2) \\ &= 10 \times ((9 - 6) \times 2) \\ &= 10 \times (3 \times 2) \\ &= 10 \times 6 \\ &= 60 \end{aligned}$$

$$\begin{aligned} & (4 + 5 - 8) \times (7 + 9 - 10) \times 2 \\ &= (9 - 8) \times (7 + 9 - 10) \times 2 \\ &= 1 \times (7 + 9 - 10) \times 2 \\ &= 1 \times (16 - 10) \times 2 \\ &= 1 \times 6 \times 2 \\ &= 6 \times 2 \\ &= 12 \end{aligned}$$

$$\begin{aligned} & 4 \times ((8 - 7 + 2 + 3 - 5) \times 6) \\ &= 4 \times ((1 + 2 + 3 - 5) \times 6) \\ &= 4 \times ((3 + 3 - 5) \times 6) \\ &= 4 \times ((6 - 5) \times 6) \\ &= 4 \times (1 \times 6) \\ &= 4 \times 6 \\ &= 24 \end{aligned}$$

$$\begin{aligned} & ((7 - 6) \times (4 + 9 + 10 - 8)) \times 2 \\ &= (1 \times (4 + 9 + 10 - 8)) \times 2 \\ &= (1 \times (13 + 10 - 8)) \times 2 \\ &= (1 \times (23 - 8)) \times 2 \\ &= (1 \times 15) \times 2 \\ &= 15 \times 2 \\ &= 30 \end{aligned}$$

Order of Operations (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$8 \times ((6 - 4 + 5 + 3 - 10) \times 9)$$

$$(10 - 8) \times ((9 + 7 + 5 - 6) \times 2)$$

$$(10 + 2) \times 5 - 6 + 7 \times (4 - 3)$$

$$((6 - 5) \times (2 + 4)) \times 3 + 8 - 9$$

$$7 \times ((4 + 5 - 9) \times (10 - 8 + 3))$$

$$(10 - 6 + 8) \times ((4 + 3 - 7) \times 9)$$

Order of Operations (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 8 \times ((\underline{6-4} + 5 + 3 - 10) \times 9) \\ & = 8 \times ((\underline{2+5} + 3 - 10) \times 9) \\ & = 8 \times ((\underline{7+3} - 10) \times 9) \\ & = 8 \times ((\underline{10-10}) \times 9) \\ & = 8 \times (\underline{0 \times 9}) \\ & = \underline{8 \times 0} \\ & = 0 \end{aligned}$$

$$\begin{aligned} & (\underline{10-8}) \times ((9 + 7 + 5 - 6) \times 2) \\ & = 2 \times ((\underline{9+7} + 5 - 6) \times 2) \\ & = 2 \times ((\underline{16+5} - 6) \times 2) \\ & = 2 \times ((\underline{21-6}) \times 2) \\ & = 2 \times (\underline{15 \times 2}) \\ & = \underline{2 \times 30} \\ & = 60 \end{aligned}$$

$$\begin{aligned} & (\underline{10+2}) \times 5 - 6 + 7 \times (4 - 3) \\ & = 12 \times 5 - 6 + 7 \times (\underline{4-3}) \\ & = \underline{12 \times 5} - 6 + 7 \times 1 \\ & = 60 - 6 + \underline{7 \times 1} \\ & = \underline{60-6} + 7 \\ & = \underline{54+7} \\ & = 61 \end{aligned}$$

$$\begin{aligned} & ((\underline{6-5}) \times (2+4)) \times 3 + 8 - 9 \\ & = (1 \times (\underline{2+4})) \times 3 + 8 - 9 \\ & = (\underline{1 \times 6}) \times 3 + 8 - 9 \\ & = \underline{6 \times 3} + 8 - 9 \\ & = \underline{18+8} - 9 \\ & = \underline{26-9} \\ & = 17 \end{aligned}$$

$$\begin{aligned} & 7 \times ((\underline{4+5} - 9) \times (10 - 8 + 3)) \\ & = 7 \times ((\underline{9-9}) \times (10 - 8 + 3)) \\ & = 7 \times (0 \times (\underline{10-8} + 3)) \\ & = 7 \times (0 \times (\underline{2+3})) \\ & = 7 \times (\underline{0 \times 5}) \\ & = \underline{7 \times 0} \\ & = 0 \end{aligned}$$

$$\begin{aligned} & (\underline{10-6} + 8) \times ((4 + 3 - 7) \times 9) \\ & = (\underline{4+8}) \times ((4 + 3 - 7) \times 9) \\ & = 12 \times ((\underline{4+3} - 7) \times 9) \\ & = 12 \times ((\underline{7-7}) \times 9) \\ & = 12 \times (\underline{0 \times 9}) \\ & = \underline{12 \times 0} \\ & = 0 \end{aligned}$$

Order of Operations (D)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(4 \times (3 + 10 - 9 + 8)) \times (7 - 6)$$

$$(2 \times (4 + 7 - 6)) \times (10 - 9 + 5)$$

$$(8 \times (2 + 5 - 4)) \times (3 + 10 - 9)$$

$$((5 - 4) \times (9 + 7 - 6 + 8)) \times 3$$

$$(10 + 5) \times (9 - 3 - 6) \times (7 + 4)$$

$$(5 + 8 - 3) \times ((9 + 4 - 10) \times 2)$$

Order of Operations (D)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} &(4 \times (3 + 10 - 9 + 8)) \times (7 - 6) \\ &= (4 \times (13 - 9 + 8)) \times (7 - 6) \\ &= (4 \times (4 + 8)) \times (7 - 6) \\ &= (4 \times 12) \times (7 - 6) \\ &= 48 \times (7 - 6) \\ &= 48 \times 1 \\ &= 48 \end{aligned}$$

$$\begin{aligned} &(2 \times (4 + 7 - 6)) \times (10 - 9 + 5) \\ &= (2 \times (11 - 6)) \times (10 - 9 + 5) \\ &= (2 \times 5) \times (10 - 9 + 5) \\ &= 10 \times (10 - 9 + 5) \\ &= 10 \times (1 + 5) \\ &= 10 \times 6 \\ &= 60 \end{aligned}$$

$$\begin{aligned} &(8 \times (2 + 5 - 4)) \times (3 + 10 - 9) \\ &= (8 \times (7 - 4)) \times (3 + 10 - 9) \\ &= (8 \times 3) \times (3 + 10 - 9) \\ &= 24 \times (3 + 10 - 9) \\ &= 24 \times (13 - 9) \\ &= 24 \times 4 \\ &= 96 \end{aligned}$$

$$\begin{aligned} &((5 - 4) \times (9 + 7 - 6 + 8)) \times 3 \\ &= (1 \times (9 + 7 - 6 + 8)) \times 3 \\ &= (1 \times (16 - 6 + 8)) \times 3 \\ &= (1 \times (10 + 8)) \times 3 \\ &= (1 \times 18) \times 3 \\ &= 18 \times 3 \\ &= 54 \end{aligned}$$

$$\begin{aligned} &(10 + 5) \times (9 - 3 - 6) \times (7 + 4) \\ &= 15 \times (9 - 3 - 6) \times (7 + 4) \\ &= 15 \times (6 - 6) \times (7 + 4) \\ &= 15 \times 0 \times (7 + 4) \\ &= 15 \times 0 \times 11 \\ &= 0 \times 11 \\ &= 0 \end{aligned}$$

$$\begin{aligned} &(5 + 8 - 3) \times ((9 + 4 - 10) \times 2) \\ &= (13 - 3) \times ((9 + 4 - 10) \times 2) \\ &= 10 \times ((9 + 4 - 10) \times 2) \\ &= 10 \times ((13 - 10) \times 2) \\ &= 10 \times (3 \times 2) \\ &= 10 \times 6 \\ &= 60 \end{aligned}$$

Order of Operations (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$((9 - 6 + 3) \times 5) \times 2 - 10 + 7$$

$$(6 - 4) \times (2 + 9 + 10) \times (8 - 7)$$

$$(5 - 4) \times (7 + 6 - 10) \times (9 + 2)$$

$$(3 \times (7 + 4 - 5)) \times (9 - 8 + 2)$$

$$(6 \times (3 + 5 - 4 + 9 - 8)) \times 2$$

$$(5 - 3) \times (8 + 4 - 10 + 9) \times 2$$

Order of Operations (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & ((9 - 6 + 3) \times 5) \times 2 - 10 + 7 \\ & = ((3 + 3) \times 5) \times 2 - 10 + 7 \\ & = (6 \times 5) \times 2 - 10 + 7 \\ & = 30 \times 2 - 10 + 7 \\ & = 60 - 10 + 7 \\ & = 50 + 7 \\ & = 57 \end{aligned}$$

$$\begin{aligned} & (6 - 4) \times (2 + 9 + 10) \times (8 - 7) \\ & = 2 \times (2 + 9 + 10) \times (8 - 7) \\ & = 2 \times (11 + 10) \times (8 - 7) \\ & = 2 \times 21 \times (8 - 7) \\ & = 2 \times 21 \times 1 \\ & = 42 \times 1 \\ & = 42 \end{aligned}$$

$$\begin{aligned} & (5 - 4) \times (7 + 6 - 10) \times (9 + 2) \\ & = 1 \times (7 + 6 - 10) \times (9 + 2) \\ & = 1 \times (13 - 10) \times (9 + 2) \\ & = 1 \times 3 \times (9 + 2) \\ & = 1 \times 3 \times 11 \\ & = 3 \times 11 \\ & = 33 \end{aligned}$$

$$\begin{aligned} & (3 \times (7 + 4 - 5)) \times (9 - 8 + 2) \\ & = (3 \times (11 - 5)) \times (9 - 8 + 2) \\ & = (3 \times 6) \times (9 - 8 + 2) \\ & = 18 \times (9 - 8 + 2) \\ & = 18 \times (1 + 2) \\ & = 18 \times 3 \\ & = 54 \end{aligned}$$

$$\begin{aligned} & (6 \times (3 + 5 - 4 + 9 - 8)) \times 2 \\ & = (6 \times (8 - 4 + 9 - 8)) \times 2 \\ & = (6 \times (4 + 9 - 8)) \times 2 \\ & = (6 \times (13 - 8)) \times 2 \\ & = (6 \times 5) \times 2 \\ & = 30 \times 2 \\ & = 60 \end{aligned}$$

$$\begin{aligned} & (5 - 3) \times (8 + 4 - 10 + 9) \times 2 \\ & = 2 \times (8 + 4 - 10 + 9) \times 2 \\ & = 2 \times (12 - 10 + 9) \times 2 \\ & = 2 \times (2 + 9) \times 2 \\ & = 2 \times 11 \times 2 \\ & = 22 \times 2 \\ & = 44 \end{aligned}$$

Order of Operations (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$6 - 2 + 7 \times (10 - 9) \times (5 + 4)$$

$$((10 + 6 - 4) \times 2) \times 3 + 8 - 9$$

$$((4 + 2) \times (7 - 6)) \times 8 - 3 + 10$$

$$6 \times (2 + 3 - 5) \times (10 + 4 - 8)$$

$$(5 - 2) \times (3 + 7 + 4 - 10) \times 8$$

$$9 \times ((5 + 6 - 3 - 8 + 2) \times 4)$$

Order of Operations (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} &6 - 2 + 7 \times (10 - 9) \times (5 + 4) \\ &= 6 - 2 + 7 \times 1 \times (5 + 4) \\ &= 6 - 2 + 7 \times 1 \times 9 \\ &= 6 - 2 + 7 \times 9 \\ &= 6 - 2 + 63 \\ &= 4 + 63 \\ &= 67 \end{aligned}$$

$$\begin{aligned} &((10 + 6 - 4) \times 2) \times 3 + 8 - 9 \\ &= ((16 - 4) \times 2) \times 3 + 8 - 9 \\ &= (12 \times 2) \times 3 + 8 - 9 \\ &= 24 \times 3 + 8 - 9 \\ &= 72 + 8 - 9 \\ &= 80 - 9 \\ &= 71 \end{aligned}$$

$$\begin{aligned} &((4 + 2) \times (7 - 6)) \times 8 - 3 + 10 \\ &= (6 \times (7 - 6)) \times 8 - 3 + 10 \\ &= (6 \times 1) \times 8 - 3 + 10 \\ &= 6 \times 8 - 3 + 10 \\ &= 48 - 3 + 10 \\ &= 45 + 10 \\ &= 55 \end{aligned}$$

$$\begin{aligned} &6 \times (2 + 3 - 5) \times (10 + 4 - 8) \\ &= 6 \times (5 - 5) \times (10 + 4 - 8) \\ &= 6 \times 0 \times (10 + 4 - 8) \\ &= 6 \times 0 \times (14 - 8) \\ &= 6 \times 0 \times 6 \\ &= 0 \times 6 \\ &= 0 \end{aligned}$$

$$\begin{aligned} &(5 - 2) \times (3 + 7 + 4 - 10) \times 8 \\ &= 3 \times (3 + 7 + 4 - 10) \times 8 \\ &= 3 \times (10 + 4 - 10) \times 8 \\ &= 3 \times (14 - 10) \times 8 \\ &= 3 \times 4 \times 8 \\ &= 12 \times 8 \\ &= 96 \end{aligned}$$

$$\begin{aligned} &9 \times ((5 + 6 - 3 - 8 + 2) \times 4) \\ &= 9 \times ((11 - 3 - 8 + 2) \times 4) \\ &= 9 \times ((8 - 8 + 2) \times 4) \\ &= 9 \times ((0 + 2) \times 4) \\ &= 9 \times (2 \times 4) \\ &= 9 \times 8 \\ &= 72 \end{aligned}$$

Order of Operations (G)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(10 - 6 + 5) \times ((3 + 7 - 9) \times 8)$$

$$(6 - 5) \times (9 + 7 - 3) \times (2 + 4)$$

$$9 - 3 + 5 \times ((2 + 6 - 7) \times 10)$$

$$((10 + 6 - 7) \times 4) \times 2 - 8 + 5$$

$$(2 \times (9 + 6 - 10 + 5 - 4)) \times 7$$

$$7 \times ((8 + 5 - 10) \times (3 + 2 - 4))$$

Order of Operations (G)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (\underline{10 - 6} + 5) \times ((3 + 7 - 9) \times 8) \\ & = (\underline{4 + 5}) \times ((3 + 7 - 9) \times 8) \\ & = 9 \times ((\underline{3 + 7} - 9) \times 8) \\ & = 9 \times ((\underline{10 - 9}) \times 8) \\ & = 9 \times (\underline{1 \times 8}) \\ & = \underline{9 \times 8} \\ & = 72 \end{aligned}$$

$$\begin{aligned} & (\underline{6 - 5}) \times (9 + 7 - 3) \times (2 + 4) \\ & = 1 \times (\underline{9 + 7} - 3) \times (2 + 4) \\ & = 1 \times (\underline{16 - 3}) \times (2 + 4) \\ & = 1 \times 13 \times (\underline{2 + 4}) \\ & = \underline{1 \times 13} \times 6 \\ & = \underline{13 \times 6} \\ & = 78 \end{aligned}$$

$$\begin{aligned} & 9 - 3 + 5 \times ((\underline{2 + 6} - 7) \times 10) \\ & = 9 - 3 + 5 \times ((\underline{8 - 7}) \times 10) \\ & = 9 - 3 + 5 \times (\underline{1 \times 10}) \\ & = 9 - 3 + \underline{5 \times 10} \\ & = \underline{9 - 3} + 50 \\ & = \underline{6 + 50} \\ & = 56 \end{aligned}$$

$$\begin{aligned} & ((\underline{10 + 6} - 7) \times 4) \times 2 - 8 + 5 \\ & = ((\underline{16 - 7}) \times 4) \times 2 - 8 + 5 \\ & = (\underline{9 \times 4}) \times 2 - 8 + 5 \\ & = \underline{36 \times 2} - 8 + 5 \\ & = \underline{72 - 8} + 5 \\ & = \underline{64 + 5} \\ & = 69 \end{aligned}$$

$$\begin{aligned} & (2 \times (\underline{9 + 6} - 10 + 5 - 4)) \times 7 \\ & = (2 \times (\underline{15 - 10} + 5 - 4)) \times 7 \\ & = (2 \times (\underline{5 + 5} - 4)) \times 7 \\ & = (2 \times (\underline{10 - 4})) \times 7 \\ & = (\underline{2 \times 6}) \times 7 \\ & = \underline{12 \times 7} \\ & = 84 \end{aligned}$$

$$\begin{aligned} & 7 \times ((\underline{8 + 5} - 10) \times (3 + 2 - 4)) \\ & = 7 \times ((\underline{13 - 10}) \times (3 + 2 - 4)) \\ & = 7 \times (3 \times (\underline{3 + 2} - 4)) \\ & = 7 \times (3 \times (\underline{5 - 4})) \\ & = 7 \times (\underline{3 \times 1}) \\ & = \underline{7 \times 3} \\ & = 21 \end{aligned}$$

Order of Operations (H)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(7 + 8) \times (10 - 9) \times 3 - 4 + 6$$

$$8 - 7 + 10 \times (4 + 3) \times (6 - 5)$$

$$((6 + 8) \times (5 - 4)) \times 3 + 10 - 9$$

$$(8 - 4) \times 10 + 7 - 3 \times (6 + 5)$$

$$8 - 2 + 5 \times (6 + 3) \times (9 - 7)$$

$$(7 + 3 - 10) \times ((6 - 5 + 4) \times 8)$$

Order of Operations (H)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (7 + 8) \times (10 - 9) \times 3 - 4 + 6 \\ & = 15 \times (10 - 9) \times 3 - 4 + 6 \\ & = 15 \times 1 \times 3 - 4 + 6 \\ & = 15 \times 3 - 4 + 6 \\ & = 45 - 4 + 6 \\ & = 41 + 6 \\ & = 47 \end{aligned}$$

$$\begin{aligned} & 8 - 7 + 10 \times (4 + 3) \times (6 - 5) \\ & = 8 - 7 + 10 \times 7 \times (6 - 5) \\ & = 8 - 7 + 10 \times 7 \times 1 \\ & = 8 - 7 + 70 \times 1 \\ & = 8 - 7 + 70 \\ & = 1 + 70 \\ & = 71 \end{aligned}$$

$$\begin{aligned} & ((6 + 8) \times (5 - 4)) \times 3 + 10 - 9 \\ & = (14 \times (5 - 4)) \times 3 + 10 - 9 \\ & = (14 \times 1) \times 3 + 10 - 9 \\ & = 14 \times 3 + 10 - 9 \\ & = 42 + 10 - 9 \\ & = 52 - 9 \\ & = 43 \end{aligned}$$

$$\begin{aligned} & (8 - 4) \times 10 + 7 - 3 \times (6 + 5) \\ & = 4 \times 10 + 7 - 3 \times (6 + 5) \\ & = 4 \times 10 + 7 - 3 \times 11 \\ & = 40 + 7 - 3 \times 11 \\ & = 40 + 7 - 33 \\ & = 47 - 33 \\ & = 14 \end{aligned}$$

$$\begin{aligned} & 8 - 2 + 5 \times (6 + 3) \times (9 - 7) \\ & = 8 - 2 + 5 \times 9 \times (9 - 7) \\ & = 8 - 2 + 5 \times 9 \times 2 \\ & = 8 - 2 + 45 \times 2 \\ & = 8 - 2 + 90 \\ & = 6 + 90 \\ & = 96 \end{aligned}$$

$$\begin{aligned} & (7 + 3 - 10) \times ((6 - 5 + 4) \times 8) \\ & = (10 - 10) \times ((6 - 5 + 4) \times 8) \\ & = 0 \times ((6 - 5 + 4) \times 8) \\ & = 0 \times ((1 + 4) \times 8) \\ & = 0 \times (5 \times 8) \\ & = 0 \times 40 \\ & = 0 \end{aligned}$$

Order of Operations (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$3 \times ((6 + 10 - 7 + 9 - 5) \times 2)$$

$$(9 + 3) \times 8 - 10 - 5 \times (4 + 2)$$

$$9 - 7 + 3 \times ((2 + 6) \times (8 - 4))$$

$$5 \times (4 + 8 - 2 - 10) \times (7 + 6)$$

$$(7 + 6 - 9) \times ((10 - 4 + 2) \times 3)$$

$$(10 - 3 + 8) \times (2 + 5 - 6) \times 4$$

Order of Operations (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 3 \times ((6 + 10 - 7 + 9 - 5) \times 2) \\ &= 3 \times ((16 - 7 + 9 - 5) \times 2) \\ &= 3 \times ((9 + 9 - 5) \times 2) \\ &= 3 \times ((18 - 5) \times 2) \\ &= 3 \times (13 \times 2) \\ &= 3 \times 26 \\ &= 78 \end{aligned}$$

$$\begin{aligned} & (9 + 3) \times 8 - 10 - 5 \times (4 + 2) \\ &= 12 \times 8 - 10 - 5 \times (4 + 2) \\ &= 12 \times 8 - 10 - 5 \times 6 \\ &= 96 - 10 - 5 \times 6 \\ &= 96 - 10 - 30 \\ &= 86 - 30 \\ &= 56 \end{aligned}$$

$$\begin{aligned} & 9 - 7 + 3 \times ((2 + 6) \times (8 - 4)) \\ &= 9 - 7 + 3 \times (8 \times (8 - 4)) \\ &= 9 - 7 + 3 \times (8 \times 4) \\ &= 9 - 7 + 3 \times 32 \\ &= 9 - 7 + 96 \\ &= 2 + 96 \\ &= 98 \end{aligned}$$

$$\begin{aligned} & 5 \times (4 + 8 - 2 - 10) \times (7 + 6) \\ &= 5 \times (12 - 2 - 10) \times (7 + 6) \\ &= 5 \times (10 - 10) \times (7 + 6) \\ &= 5 \times 0 \times (7 + 6) \\ &= 5 \times 0 \times 13 \\ &= 0 \times 13 \\ &= 0 \end{aligned}$$

$$\begin{aligned} & (7 + 6 - 9) \times ((10 - 4 + 2) \times 3) \\ &= (13 - 9) \times ((10 - 4 + 2) \times 3) \\ &= 4 \times ((10 - 4 + 2) \times 3) \\ &= 4 \times ((6 + 2) \times 3) \\ &= 4 \times (8 \times 3) \\ &= 4 \times 24 \\ &= 96 \end{aligned}$$

$$\begin{aligned} & (10 - 3 + 8) \times (2 + 5 - 6) \times 4 \\ &= (7 + 8) \times (2 + 5 - 6) \times 4 \\ &= 15 \times (2 + 5 - 6) \times 4 \\ &= 15 \times (7 - 6) \times 4 \\ &= 15 \times 1 \times 4 \\ &= 15 \times 4 \\ &= 60 \end{aligned}$$

Order of Operations (J)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$((6 + 7) \times (10 - 8 + 4 - 3)) \times 2$$

$$(2 \times (5 + 6 - 4 + 8 - 7)) \times 3$$

$$8 + 5 - 9 \times (6 \times (4 + 3 - 7))$$

$$(9 - 7 + 2) \times (10 + 4 - 6) \times 3$$

$$(2 + 8) \times (9 - 4 - 5) \times (6 + 10)$$

$$(2 + 10) \times ((9 - 7 + 3 - 5) \times 8)$$

Order of Operations (J)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & ((\underline{6+7}) \times (10 - 8 + 4 - 3)) \times 2 \\ & = (13 \times (\underline{10-8} + 4 - 3)) \times 2 \\ & = (13 \times (\underline{2+4} - 3)) \times 2 \\ & = (13 \times (\underline{6-3})) \times 2 \\ & = (\underline{13 \times 3}) \times 2 \\ & = \underline{39 \times 2} \\ & = \underline{78} \end{aligned}$$

$$\begin{aligned} & (2 \times (\underline{5+6} - 4 + 8 - 7)) \times 3 \\ & = (2 \times (\underline{11-4} + 8 - 7)) \times 3 \\ & = (2 \times (\underline{7+8} - 7)) \times 3 \\ & = (2 \times (\underline{15-7})) \times 3 \\ & = (\underline{2 \times 8}) \times 3 \\ & = \underline{16 \times 3} \\ & = \underline{48} \end{aligned}$$

$$\begin{aligned} & 8 + 5 - 9 \times (6 \times (\underline{4+3} - 7)) \\ & = 8 + 5 - 9 \times (6 \times (\underline{7-7})) \\ & = 8 + 5 - 9 \times (\underline{6 \times 0}) \\ & = 8 + 5 - \underline{9 \times 0} \\ & = \underline{8+5} - 0 \\ & = \underline{13-0} \\ & = \underline{13} \end{aligned}$$

$$\begin{aligned} & (\underline{9-7} + 2) \times (10 + 4 - 6) \times 3 \\ & = (\underline{2+2}) \times (10 + 4 - 6) \times 3 \\ & = 4 \times (\underline{10+4} - 6) \times 3 \\ & = 4 \times (\underline{14-6}) \times 3 \\ & = \underline{4 \times 8} \times 3 \\ & = \underline{32 \times 3} \\ & = \underline{96} \end{aligned}$$

$$\begin{aligned} & (\underline{2+8}) \times (9 - 4 - 5) \times (6 + 10) \\ & = 10 \times (\underline{9-4} - 5) \times (6 + 10) \\ & = 10 \times (\underline{5-5}) \times (6 + 10) \\ & = 10 \times 0 \times (\underline{6+10}) \\ & = \underline{10 \times 0} \times 16 \\ & = \underline{0 \times 16} \\ & = \underline{0} \end{aligned}$$

$$\begin{aligned} & (\underline{2+10}) \times ((9 - 7 + 3 - 5) \times 8) \\ & = 12 \times ((\underline{9-7} + 3 - 5) \times 8) \\ & = 12 \times ((\underline{2+3} - 5) \times 8) \\ & = 12 \times ((\underline{5-5}) \times 8) \\ & = 12 \times (\underline{0 \times 8}) \\ & = \underline{12 \times 0} \\ & = \underline{0} \end{aligned}$$