

Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

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

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

Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned}5 + 2 \times (4 + 7) \times 3 \\&= 5 + 2 \times 11 \times 3 \\&= 5 + 22 \times 3 \\&= 5 + 66 \\&= 71\end{aligned}$$

$$\begin{aligned}5 + 4 \times (2 + 6 \times 3) \\&= 5 + 4 \times (2 + 18) \\&= 5 + 4 \times 20 \\&= 5 + 80 \\&= 85\end{aligned}$$

$$\begin{aligned}(5 + 4) \times 2 + 10 \times 8 \\&= 9 \times 2 + 10 \times 8 \\&= 18 + 10 \times 8 \\&= 18 + 80 \\&= 98\end{aligned}$$

$$\begin{aligned}(6 + 7 \times 5) \times 2 + 8 \\&= (6 + 35) \times 2 + 8 \\&= 41 \times 2 + 8 \\&= 82 + 8 \\&= 90\end{aligned}$$

$$\begin{aligned}9 \times 7 + 5 \times (3 + 4) \\&= 9 \times 7 + 5 \times 7 \\&= 63 + 5 \times 7 \\&= 63 + 35 \\&= 98\end{aligned}$$

$$\begin{aligned}(4 \times 5 + 9) \times 2 + 10 \\&= (20 + 9) \times 2 + 10 \\&= 29 \times 2 + 10 \\&= 58 + 10 \\&= 68\end{aligned}$$

$$\begin{aligned}4 + 2 \times (5 \times 7 + 10) \\&= 4 + 2 \times (35 + 10) \\&= 4 + 2 \times 45 \\&= 4 + 90 \\&= 94\end{aligned}$$

$$\begin{aligned}(6 + 7) \times 5 + 2 \times 4 \\&= 13 \times 5 + 2 \times 4 \\&= 65 + 2 \times 4 \\&= 65 + 8 \\&= 73\end{aligned}$$

$$\begin{aligned}2 \times (3 + 7 + 4 \times 9) \\&= 2 \times (3 + 7 + 36) \\&= 2 \times (10 + 36) \\&= 2 \times 46 \\&= 92\end{aligned}$$

$$\begin{aligned}(7 + 9) \times 3 + 2 \times 4 \\&= 16 \times 3 + 2 \times 4 \\&= 48 + 2 \times 4 \\&= 48 + 8 \\&= 56\end{aligned}$$

Order of Operations (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

$$3 \times 7 + 6 \times (10 + 2)$$

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

$$3 \times (4 + 7 + 2 \times 10)$$

$$(10 \times 2 + 3) \times 4 + 8$$

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

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

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

$$(7 + 3 \times 9 + 6) \times 2$$

Order of Operations (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 9 \times 2 + 5 \times (6 + 8) \\ & = 9 \times 2 + 5 \times 14 \\ & = 18 + 5 \times 14 \\ & = 18 + 70 \\ & = 88 \end{aligned}$$

$$\begin{aligned} & 10 + 2 \times (5 + 4 \times 3) \\ & = 10 + 2 \times (5 + 12) \\ & = 10 + 2 \times 17 \\ & = 10 + 34 \\ & = 44 \end{aligned}$$

$$\begin{aligned} & 3 \times 7 + 6 \times (10 + 2) \\ & = 3 \times 7 + 6 \times 12 \\ & = 21 + 6 \times 12 \\ & = 21 + 72 \\ & = 93 \end{aligned}$$

$$\begin{aligned} & (5 + 9 \times 2) \times 4 + 3 \\ & = (5 + 18) \times 4 + 3 \\ & = 23 \times 4 + 3 \\ & = 92 + 3 \\ & = 95 \end{aligned}$$

$$\begin{aligned} & 3 \times (4 + 7 + 2 \times 10) \\ & = 3 \times (4 + 7 + 20) \\ & = 3 \times (11 + 20) \\ & = 3 \times 31 \\ & = 93 \end{aligned}$$

$$\begin{aligned} & (10 \times 2 + 3) \times 4 + 8 \\ & = (20 + 3) \times 4 + 8 \\ & = 23 \times 4 + 8 \\ & = 92 + 8 \\ & = 100 \end{aligned}$$

$$\begin{aligned} & (9 + 2) \times 5 + 4 \times 6 \\ & = 11 \times 5 + 4 \times 6 \\ & = 55 + 4 \times 6 \\ & = 55 + 24 \\ & = 79 \end{aligned}$$

$$\begin{aligned} & 2 \times (5 + 4 + 10 \times 3) \\ & = 2 \times (5 + 4 + 30) \\ & = 2 \times (9 + 30) \\ & = 2 \times 39 \\ & = 78 \end{aligned}$$

$$\begin{aligned} & (2 + 5) \times 3 + 4 \times 6 \\ & = 7 \times 3 + 4 \times 6 \\ & = 21 + 4 \times 6 \\ & = 21 + 24 \\ & = 45 \end{aligned}$$

$$\begin{aligned} & (7 + 3 \times 9 + 6) \times 2 \\ & = (7 + 27 + 6) \times 2 \\ & = (34 + 6) \times 2 \\ & = 40 \times 2 \\ & = 80 \end{aligned}$$

Order of Operations (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

$$(3 + 10) \times 5 + 8 \times 4$$

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

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

$$2 \times (9 + 7 \times 3 + 10)$$

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

$$7 + 3 \times (8 + 2 \times 6)$$

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

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

Order of Operations (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (4 \times 6 + 7) \times 3 + 2 \\ & = (24 + 7) \times 3 + 2 \\ & = 31 \times 3 + 2 \\ & = 93 + 2 \\ & = 95 \end{aligned}$$

$$\begin{aligned} & (8 + 3 \times 2 + 7) \times 4 \\ & = (8 + 6 + 7) \times 4 \\ & = (14 + 7) \times 4 \\ & = 21 \times 4 \\ & = 84 \end{aligned}$$

$$\begin{aligned} & (3 + 10) \times 5 + 8 \times 4 \\ & = 13 \times 5 + 8 \times 4 \\ & = 65 + 8 \times 4 \\ & = 65 + 32 \\ & = 97 \end{aligned}$$

$$\begin{aligned} & 2 \times (6 + 7 + 3 \times 4) \\ & = 2 \times (6 + 7 + 12) \\ & = 2 \times (13 + 12) \\ & = 2 \times 25 \\ & = 50 \end{aligned}$$

$$\begin{aligned} & 9 + 4 \times (2 \times 8 + 5) \\ & = 9 + 4 \times (16 + 5) \\ & = 9 + 4 \times 21 \\ & = 9 + 84 \\ & = 93 \end{aligned}$$

$$\begin{aligned} & 2 \times (9 + 7 \times 3 + 10) \\ & = 2 \times (9 + 21 + 10) \\ & = 2 \times (30 + 10) \\ & = 2 \times 40 \\ & = 80 \end{aligned}$$

$$\begin{aligned} & (3 \times 5 + 7) \times 4 + 2 \\ & = (15 + 7) \times 4 + 2 \\ & = 22 \times 4 + 2 \\ & = 88 + 2 \\ & = 90 \end{aligned}$$

$$\begin{aligned} & 7 + 3 \times (8 + 2 \times 6) \\ & = 7 + 3 \times (8 + 12) \\ & = 7 + 3 \times 20 \\ & = 7 + 60 \\ & = 67 \end{aligned}$$

$$\begin{aligned} & 2 \times (7 + 3 \times 8 + 4) \\ & = 2 \times (7 + 24 + 4) \\ & = 2 \times (31 + 4) \\ & = 2 \times 35 \\ & = 70 \end{aligned}$$

$$\begin{aligned} & (4 \times 8 + 3) \times 2 + 5 \\ & = (32 + 3) \times 2 + 5 \\ & = 35 \times 2 + 5 \\ & = 70 + 5 \\ & = 75 \end{aligned}$$

Order of Operations (D)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

$$2 \times (7 + 9 + 5 \times 3)$$

$$6 + 4 \times (9 + 2 \times 3)$$

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

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

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

Order of Operations (D)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned}4 + 3 \times (6 + 2 \times 5) \\&= 4 + 3 \times (6 + 10) \\&= 4 + 3 \times 16 \\&= 4 + 48 \\&= 52\end{aligned}$$

$$\begin{aligned}7 + 5 \times (4 \times 2 + 3) \\&= 7 + 5 \times (8 + 3) \\&= 7 + 5 \times 11 \\&= 7 + 55 \\&= 62\end{aligned}$$

$$\begin{aligned}4 \times 5 + 6 \times (2 + 9) \\&= 4 \times 5 + 6 \times 11 \\&= 20 + 6 \times 11 \\&= 20 + 66 \\&= 86\end{aligned}$$

$$\begin{aligned}2 \times (10 + 5 + 6 \times 3) \\&= 2 \times (10 + 5 + 18) \\&= 2 \times (15 + 18) \\&= 2 \times 33 \\&= 66\end{aligned}$$

$$\begin{aligned}(4 \times 9 + 8 + 3) \times 2 \\&= (36 + 8 + 3) \times 2 \\&= (44 + 3) \times 2 \\&= 47 \times 2 \\&= 94\end{aligned}$$

$$\begin{aligned}2 \times (7 + 9 + 5 \times 3) \\&= 2 \times (7 + 9 + 15) \\&= 2 \times (16 + 15) \\&= 2 \times 31 \\&= 62\end{aligned}$$

$$\begin{aligned}6 + 4 \times (9 + 2 \times 3) \\&= 6 + 4 \times (9 + 6) \\&= 6 + 4 \times 15 \\&= 6 + 60 \\&= 66\end{aligned}$$

$$\begin{aligned}5 \times (2 + 4) \times 3 + 9 \\&= 5 \times 6 \times 3 + 9 \\&= 30 \times 3 + 9 \\&= 90 + 9 \\&= 99\end{aligned}$$

$$\begin{aligned}(4 + 2) \times 9 + 8 \times 5 \\&= 6 \times 9 + 8 \times 5 \\&= 54 + 8 \times 5 \\&= 54 + 40 \\&= 94\end{aligned}$$

$$\begin{aligned}(4 \times 2 + 5) \times 6 + 3 \\&= (8 + 5) \times 6 + 3 \\&= 13 \times 6 + 3 \\&= 78 + 3 \\&= 81\end{aligned}$$

Order of Operations (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

$$(6 + 3) \times 8 + 2 \times 10$$

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

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

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

$$(8 \times 2 + 7 + 10) \times 3$$

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

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

$$(6 + 7 \times 2 + 8) \times 3$$

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

Order of Operations (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned}5 + 4 \times (8 \times 2 + 6) \\&= 5 + 4 \times (16 + 6) \\&= 5 + 4 \times 22 \\&= 5 + 88 \\&= 93\end{aligned}$$

$$\begin{aligned}(6 + 3) \times 8 + 2 \times 10 \\&= 9 \times 8 + 2 \times 10 \\&= 72 + 2 \times 10 \\&= 72 + 20 \\&= 92\end{aligned}$$

$$\begin{aligned}(4 + 9 \times 2 + 7) \times 3 \\&= (4 + 18 + 7) \times 3 \\&= (22 + 7) \times 3 \\&= 29 \times 3 \\&= 87\end{aligned}$$

$$\begin{aligned}3 \times 6 + 4 \times (10 + 8) \\&= 3 \times 6 + 4 \times 18 \\&= 18 + 4 \times 18 \\&= 18 + 72 \\&= 90\end{aligned}$$

$$\begin{aligned}(4 + 8 \times 2 + 6) \times 3 \\&= (4 + 16 + 6) \times 3 \\&= (20 + 6) \times 3 \\&= 26 \times 3 \\&= 78\end{aligned}$$

$$\begin{aligned}(8 \times 2 + 7 + 10) \times 3 \\&= (16 + 7 + 10) \times 3 \\&= (23 + 10) \times 3 \\&= 33 \times 3 \\&= 99\end{aligned}$$

$$\begin{aligned}4 \times 10 + 5 \times (3 + 6) \\&= 4 \times 10 + 5 \times 9 \\&= 40 + 5 \times 9 \\&= 40 + 45 \\&= 85\end{aligned}$$

$$\begin{aligned}2 \times (10 + 4 + 7 \times 5) \\&= 2 \times (10 + 4 + 35) \\&= 2 \times (14 + 35) \\&= 2 \times 49 \\&= 98\end{aligned}$$

$$\begin{aligned}(6 + 7 \times 2 + 8) \times 3 \\&= (6 + 14 + 8) \times 3 \\&= (20 + 8) \times 3 \\&= 28 \times 3 \\&= 84\end{aligned}$$

$$\begin{aligned}2 \times (9 + 8 + 3 \times 10) \\&= 2 \times (9 + 8 + 30) \\&= 2 \times (17 + 30) \\&= 2 \times 47 \\&= 94\end{aligned}$$

Order of Operations (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(9 + 6) \times 4 + 3 \times 2$$

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

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

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

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

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

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

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

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

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

Order of Operations (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (9 + 6) \times 4 + 3 \times 2 \\ & = 15 \times 4 + 3 \times 2 \\ & = 60 + 3 \times 2 \\ & = 60 + 6 \\ & = 66 \end{aligned}$$

$$\begin{aligned} & (2 + 9) \times 4 + 6 \times 8 \\ & = 11 \times 4 + 6 \times 8 \\ & = 44 + 6 \times 8 \\ & = 44 + 48 \\ & = 92 \end{aligned}$$

$$\begin{aligned} & 4 \times 6 + 3 \times (7 + 10) \\ & = 4 \times 6 + 3 \times 17 \\ & = 24 + 3 \times 17 \\ & = 24 + 51 \\ & = 75 \end{aligned}$$

$$\begin{aligned} & (5 + 7 \times 2) \times 4 + 3 \\ & = (5 + 14) \times 4 + 3 \\ & = 19 \times 4 + 3 \\ & = 76 + 3 \\ & = 79 \end{aligned}$$

$$\begin{aligned} & 3 \times (4 + 2 \times 6 + 10) \\ & = 3 \times (4 + 12 + 10) \\ & = 3 \times (16 + 10) \\ & = 3 \times 26 \\ & = 78 \end{aligned}$$

$$\begin{aligned} & 4 + 5 \times (3 + 6 \times 2) \\ & = 4 + 5 \times (3 + 12) \\ & = 4 + 5 \times 15 \\ & = 4 + 75 \\ & = 79 \end{aligned}$$

$$\begin{aligned} & (6 + 8) \times 2 + 9 \times 5 \\ & = 14 \times 2 + 9 \times 5 \\ & = 28 + 9 \times 5 \\ & = 28 + 45 \\ & = 73 \end{aligned}$$

$$\begin{aligned} & 3 \times 4 + 6 \times (9 + 5) \\ & = 3 \times 4 + 6 \times 14 \\ & = 12 + 6 \times 14 \\ & = 12 + 84 \\ & = 96 \end{aligned}$$

$$\begin{aligned} & (4 + 2) \times 3 + 7 \times 9 \\ & = 6 \times 3 + 7 \times 9 \\ & = 18 + 7 \times 9 \\ & = 18 + 63 \\ & = 81 \end{aligned}$$

$$\begin{aligned} & 7 + 5 \times (3 \times 4 + 2) \\ & = 7 + 5 \times (12 + 2) \\ & = 7 + 5 \times 14 \\ & = 7 + 70 \\ & = 77 \end{aligned}$$

Order of Operations (G)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

$$2 \times (3 + 4 \times 6 + 9)$$

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

$$3 \times (10 + 4 + 7 \times 2)$$

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

$$2 \times 8 + 5 \times (7 + 9)$$

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

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

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

Order of Operations (G)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (\underline{10 \times 3} + 9) \times 2 + 4 \\ & = (\underline{30 + 9}) \times 2 + 4 \\ & = \underline{39 \times 2} + 4 \\ & = \underline{78 + 4} \\ & = 82 \end{aligned}$$

$$\begin{aligned} & 6 + 4 \times (5 + \underline{2 \times 3}) \\ & = 6 + 4 \times (\underline{5 + 6}) \\ & = 6 + \underline{4 \times 11} \\ & = \underline{6 + 44} \\ & = 50 \end{aligned}$$

$$\begin{aligned} & 2 \times (3 + \underline{4 \times 6} + 9) \\ & = 2 \times (\underline{3 + 24} + 9) \\ & = 2 \times (\underline{27 + 9}) \\ & = \underline{2 \times 36} \\ & = 72 \end{aligned}$$

$$\begin{aligned} & 3 + 2 \times (\underline{4 \times 8} + 9) \\ & = 3 + 2 \times (\underline{32 + 9}) \\ & = 3 + \underline{2 \times 41} \\ & = \underline{3 + 82} \\ & = 85 \end{aligned}$$

$$\begin{aligned} & 3 \times (10 + 4 + \underline{7 \times 2}) \\ & = 3 \times (\underline{10 + 4} + 14) \\ & = 3 \times (\underline{14 + 14}) \\ & = \underline{3 \times 28} \\ & = 84 \end{aligned}$$

$$\begin{aligned} & 4 \times 7 + 8 \times (\underline{2 + 3}) \\ & = \underline{4 \times 7} + 8 \times 5 \\ & = 28 + \underline{8 \times 5} \\ & = \underline{28 + 40} \\ & = 68 \end{aligned}$$

$$\begin{aligned} & 2 \times 8 + 5 \times (\underline{7 + 9}) \\ & = \underline{2 \times 8} + 5 \times 16 \\ & = 16 + \underline{5 \times 16} \\ & = \underline{16 + 80} \\ & = 96 \end{aligned}$$

$$\begin{aligned} & 7 + 2 \times (5 \times (\underline{6 + 3})) \\ & = 7 + 2 \times (\underline{5 \times 9}) \\ & = 7 + \underline{2 \times 45} \\ & = \underline{7 + 90} \\ & = 97 \end{aligned}$$

$$\begin{aligned} & (\underline{3 \times 7} + 10 + 5) \times 2 \\ & = (\underline{21 + 10} + 5) \times 2 \\ & = (\underline{31 + 5}) \times 2 \\ & = \underline{36 \times 2} \\ & = 72 \end{aligned}$$

$$\begin{aligned} & 5 + 3 \times (4 + \underline{2 \times 7}) \\ & = 5 + 3 \times (\underline{4 + 14}) \\ & = 5 + \underline{3 \times 18} \\ & = \underline{5 + 54} \\ & = 59 \end{aligned}$$

Order of Operations (H)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

$$6 \times 5 + 4 \times (9 + 7)$$

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

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

$$(7 \times 3 + 9) \times 2 + 10$$

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

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

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

Order of Operations (H)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} &2 \times (5 + \underline{10 \times 3} + 7) \\ &= 2 \times (\underline{5 + 30} + 7) \\ &= 2 \times (\underline{35 + 7}) \\ &= \underline{2 \times 42} \\ &= 84 \end{aligned}$$

$$\begin{aligned} &(\underline{3 \times 2} + 9) \times 6 + 8 \\ &= (\underline{6 + 9}) \times 6 + 8 \\ &= \underline{15 \times 6} + 8 \\ &= \underline{90 + 8} \\ &= 98 \end{aligned}$$

$$\begin{aligned} &3 \times 6 + 2 \times (\underline{4 + 10}) \\ &= \underline{3 \times 6} + 2 \times 14 \\ &= 18 + \underline{2 \times 14} \\ &= \underline{18 + 28} \\ &= 46 \end{aligned}$$

$$\begin{aligned} &6 \times 5 + 4 \times (\underline{9 + 7}) \\ &= \underline{6 \times 5} + 4 \times 16 \\ &= 30 + \underline{4 \times 16} \\ &= \underline{30 + 64} \\ &= 94 \end{aligned}$$

$$\begin{aligned} &4 + 6 \times (8 + \underline{3 \times 2}) \\ &= 4 + 6 \times (\underline{8 + 6}) \\ &= 4 + \underline{6 \times 14} \\ &= \underline{4 + 84} \\ &= 88 \end{aligned}$$

$$\begin{aligned} &(\underline{8 + 2}) \times 4 + 5 \times 3 \\ &= \underline{10 \times 4} + 5 \times 3 \\ &= 40 + \underline{5 \times 3} \\ &= \underline{40 + 15} \\ &= 55 \end{aligned}$$

$$\begin{aligned} &(\underline{7 \times 3} + 9) \times 2 + 10 \\ &= (\underline{21 + 9}) \times 2 + 10 \\ &= \underline{30 \times 2} + 10 \\ &= \underline{60 + 10} \\ &= 70 \end{aligned}$$

$$\begin{aligned} &(\underline{2 + 5}) \times 6 + 4 \times 8 \\ &= \underline{7 \times 6} + 4 \times 8 \\ &= 42 + \underline{4 \times 8} \\ &= \underline{42 + 32} \\ &= 74 \end{aligned}$$

$$\begin{aligned} &(\underline{3 \times 4} + 9 + 10) \times 2 \\ &= (\underline{12 + 9} + 10) \times 2 \\ &= (\underline{21 + 10}) \times 2 \\ &= \underline{31 \times 2} \\ &= 62 \end{aligned}$$

$$\begin{aligned} &(\underline{3 + 10}) \times 6 + 4 \times 5 \\ &= \underline{13 \times 6} + 4 \times 5 \\ &= 78 + \underline{4 \times 5} \\ &= \underline{78 + 20} \\ &= 98 \end{aligned}$$

Order of Operations (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

$$(3 + 5) \times 9 + 2 \times 7$$

$$(3 \times 2 + 9 + 6) \times 4$$

$$2 \times (8 + 7 + 10 \times 3)$$

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

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

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

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

Order of Operations (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned}(10 + 2 \times 3) \times 5 + 9 \\ &= (10 + 6) \times 5 + 9 \\ &= 16 \times 5 + 9 \\ &= 80 + 9 \\ &= 89\end{aligned}$$

$$\begin{aligned}(3 + 4 \times 5 + 9) \times 2 \\ &= (3 + 20 + 9) \times 2 \\ &= (23 + 9) \times 2 \\ &= 32 \times 2 \\ &= 64\end{aligned}$$

$$\begin{aligned}3 \times (5 + 4 + 8 \times 2) \\ &= 3 \times (5 + 4 + 16) \\ &= 3 \times (9 + 16) \\ &= 3 \times 25 \\ &= 75\end{aligned}$$

$$\begin{aligned}(3 + 5) \times 9 + 2 \times 7 \\ &= 8 \times 9 + 2 \times 7 \\ &= 72 + 2 \times 7 \\ &= 72 + 14 \\ &= 86\end{aligned}$$

$$\begin{aligned}(3 \times 2 + 9 + 6) \times 4 \\ &= (6 + 9 + 6) \times 4 \\ &= (15 + 6) \times 4 \\ &= 21 \times 4 \\ &= 84\end{aligned}$$

$$\begin{aligned}2 \times (8 + 7 + 10 \times 3) \\ &= 2 \times (8 + 7 + 30) \\ &= 2 \times (15 + 30) \\ &= 2 \times 45 \\ &= 90\end{aligned}$$

$$\begin{aligned}(2 + 5) \times 8 + 3 \times 4 \\ &= 7 \times 8 + 3 \times 4 \\ &= 56 + 3 \times 4 \\ &= 56 + 12 \\ &= 68\end{aligned}$$

$$\begin{aligned}(8 \times 4 + 7 + 9) \times 2 \\ &= (32 + 7 + 9) \times 2 \\ &= (39 + 9) \times 2 \\ &= 48 \times 2 \\ &= 96\end{aligned}$$

$$\begin{aligned}8 + 3 \times (7 + 5 \times 2) \\ &= 8 + 3 \times (7 + 10) \\ &= 8 + 3 \times 17 \\ &= 8 + 51 \\ &= 59\end{aligned}$$

$$\begin{aligned}(5 + 2 \times 8) \times 3 + 4 \\ &= (5 + 16) \times 3 + 4 \\ &= 21 \times 3 + 4 \\ &= 63 + 4 \\ &= 67\end{aligned}$$

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.

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

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

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

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

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

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

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

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

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

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