

Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (A)

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Simplify each expression using the correct order of operations.

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

$$\begin{aligned} &10 \div (\underline{4 + 6} - 8) \times 7 + 5 \\ &= 10 \div (\underline{10 - 8}) \times 7 + 5 \\ &= \underline{10 \div 2} \times 7 + 5 \\ &= \underline{5 \times 7} + 5 \\ &= \underline{35 + 5} \\ &= 40 \end{aligned}$$

$$\begin{aligned} &(\underline{7 - 5} + 2) \div 4 \times 10 + 9 \\ &= (\underline{2 + 2}) \div 4 \times 10 + 9 \\ &= \underline{4 \div 4} \times 10 + 9 \\ &= \underline{1 \times 10} + 9 \\ &= \underline{10 + 9} \\ &= 19 \end{aligned}$$

$$\begin{aligned} &(\underline{3 \times 6} + 7 - 9) \div 4 - 2 \\ &= (\underline{18 + 7} - 9) \div 4 - 2 \\ &= (\underline{25 - 9}) \div 4 - 2 \\ &= \underline{16 \div 4} - 2 \\ &= \underline{4 - 2} \\ &= 2 \end{aligned}$$

$$\begin{aligned} &10 - 2 + 6 \div 3 \times (\underline{7 + 8}) \\ &= 10 - 2 + \underline{6 \div 3} \times 15 \\ &= 10 - 2 + \underline{2 \times 15} \\ &= \underline{10 - 2} + 30 \\ &= \underline{8 + 30} \\ &= 38 \end{aligned}$$

$$\begin{aligned} &(\underline{8 - 3} + 9) \times 5 \div 7 - 6 \\ &= (\underline{5 + 9}) \times 5 \div 7 - 6 \\ &= \underline{14 \times 5} \div 7 - 6 \\ &= \underline{70 \div 7} - 6 \\ &= \underline{10 - 6} \\ &= 4 \end{aligned}$$

$$\begin{aligned} &(\underline{3 + 8}) \times 6 - 4 \div 2 - 7 \\ &= \underline{11 \times 6} - 4 \div 2 - 7 \\ &= 66 - \underline{4 \div 2} - 7 \\ &= \underline{66 - 2} - 7 \\ &= \underline{64 - 7} \\ &= 57 \end{aligned}$$

$$\begin{aligned} &(\underline{8 \times 7} - 2) \div (5 + 10 - 6) \\ &= (\underline{56 - 2}) \div (5 + 10 - 6) \\ &= 54 \div (\underline{5 + 10} - 6) \\ &= 54 \div (\underline{15 - 6}) \\ &= \underline{54 \div 9} \\ &= 6 \end{aligned}$$

Order of Operations (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (\underline{10 \div 2} - 5) \times 9 + 8 + 7 \\ & = (\underline{5 - 5}) \times 9 + 8 + 7 \\ & = \underline{0 \times 9} + 8 + 7 \\ & = \underline{0 + 8} + 7 \\ & = \underline{8 + 7} \\ & = 15 \end{aligned}$$

$$\begin{aligned} & 6 \times 4 + 3 \div (\underline{9 - 8} + 2) \\ & = 6 \times 4 + 3 \div (\underline{1 + 2}) \\ & = \underline{6 \times 4} + 3 \div 3 \\ & = 24 + \underline{3 \div 3} \\ & = \underline{24 + 1} \\ & = 25 \end{aligned}$$

$$\begin{aligned} & (\underline{9 \times 3} + 8 - 4) \div (7 - 6) \\ & = (\underline{27 + 8} - 4) \div (7 - 6) \\ & = (\underline{35 - 4}) \div (7 - 6) \\ & = 31 \div (\underline{7 - 6}) \\ & = \underline{31 \div 1} \\ & = 31 \end{aligned}$$

$$\begin{aligned} & 9 - 2 + 6 \times 4 \div (\underline{5 - 3}) \\ & = 9 - 2 + \underline{6 \times 4} \div 2 \\ & = 9 - 2 + \underline{24 \div 2} \\ & = \underline{9 - 2} + 12 \\ & = \underline{7 + 12} \\ & = 19 \end{aligned}$$

$$\begin{aligned} & (\underline{10 \times 8}) \div 4 + 7 - 5 + 3 \\ & = \underline{80 \div 4} + 7 - 5 + 3 \\ & = \underline{20 + 7} - 5 + 3 \\ & = \underline{27 - 5} + 3 \\ & = \underline{22 + 3} \\ & = 25 \end{aligned}$$

$$\begin{aligned} & (\underline{10 - 5} + 6) \div (2 \times 4 - 7) \\ & = (\underline{5 + 6}) \div (2 \times 4 - 7) \\ & = 11 \div (\underline{2 \times 4} - 7) \\ & = 11 \div (\underline{8 - 7}) \\ & = \underline{11 \div 1} \\ & = 11 \end{aligned}$$

$$\begin{aligned} & 5 - 6 \div ((\underline{2 \times 7} + 10) \div 4) \\ & = 5 - 6 \div ((\underline{14 + 10}) \div 4) \\ & = 5 - 6 \div (\underline{24 \div 4}) \\ & = 5 - \underline{6 \div 6} \\ & = \underline{5 - 1} \\ & = 4 \end{aligned}$$

$$\begin{aligned} & 4 \times 6 \div (\underline{5 - 3} + 9 - 8) \\ & = 4 \times 6 \div (\underline{2 + 9} - 8) \\ & = 4 \times 6 \div (\underline{11 - 8}) \\ & = \underline{4 \times 6} \div 3 \\ & = \underline{24 \div 3} \\ & = 8 \end{aligned}$$

Order of Operations (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

$$\begin{aligned} & (8 - 2) \div 6 \times (10 + 4) \times 7 \\ & = 6 \div 6 \times (10 + 4) \times 7 \\ & = \underline{6 \div 6} \times 14 \times 7 \\ & = \underline{1 \times 14} \times 7 \\ & = \underline{14 \times 7} \\ & = 98 \end{aligned}$$

$$\begin{aligned} & (6 + 3 - 4 \times 2) \div (10 - 9) \\ & = (6 + 3 - 8) \div (10 - 9) \\ & = (9 - 8) \div (10 - 9) \\ & = 1 \div (10 - 9) \\ & = \underline{1 \div 1} \\ & = 1 \end{aligned}$$

$$\begin{aligned} & 4 \times 8 + 10 \div (9 - 2 + 3) \\ & = 4 \times 8 + 10 \div (7 + 3) \\ & = \underline{4 \times 8} + 10 \div 10 \\ & = 32 + \underline{10 \div 10} \\ & = \underline{32 + 1} \\ & = 33 \end{aligned}$$

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

$$\begin{aligned} & (7 + 8 \div 2 - 4) \times 6 + 5 \\ & = (\underline{7 + 4} - 4) \times 6 + 5 \\ & = (\underline{11 - 4}) \times 6 + 5 \\ & = \underline{7 \times 6} + 5 \\ & = \underline{42 + 5} \\ & = 47 \end{aligned}$$

$$\begin{aligned} & 7 \times (10 + 3 \div (5 - 4 \div 2)) \\ & = 7 \times (10 + 3 \div (5 - 2)) \\ & = 7 \times (10 + \underline{3 \div 3}) \\ & = 7 \times (10 + 1) \\ & = \underline{7 \times 11} \\ & = 77 \end{aligned}$$

$$\begin{aligned} & (8 + 10 - 9) \div 3 \times (5 - 2) \\ & = (\underline{18 - 9}) \div 3 \times (5 - 2) \\ & = 9 \div 3 \times (5 - 2) \\ & = \underline{9 \div 3} \times 3 \\ & = \underline{3 \times 3} \\ & = 9 \end{aligned}$$

Order of Operations (D)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (D)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (5 + 10 - 9) \div (4 \times 3 - 6) \\ & = (15 - 9) \div (4 \times 3 - 6) \\ & = 6 \div (4 \times 3 - 6) \\ & = 6 \div (12 - 6) \\ & = 6 \div 6 \\ & = 1 \end{aligned}$$

$$\begin{aligned} & (9 - 5) \times 6 \div 4 + 2 - 7 \\ & = 4 \times 6 \div 4 + 2 - 7 \\ & = 24 \div 4 + 2 - 7 \\ & = 6 + 2 - 7 \\ & = 8 - 7 \\ & = 1 \end{aligned}$$

$$\begin{aligned} & 5 \div (8 + 9 - 2 \times 3 - 10) \\ & = 5 \div (8 + 9 - 6 - 10) \\ & = 5 \div (17 - 6 - 10) \\ & = 5 \div (11 - 10) \\ & = 5 \div 1 \\ & = 5 \end{aligned}$$

$$\begin{aligned} & (8 - 5 + 6 \div 3 \times 7) \times 4 \\ & = (8 - 5 + 2 \times 7) \times 4 \\ & = (8 - 5 + 14) \times 4 \\ & = (3 + 14) \times 4 \\ & = 17 \times 4 \\ & = 68 \end{aligned}$$

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

$$\begin{aligned} & (9 + 4 - 10 \div (5 \times 2)) \times 8 \\ & = (9 + 4 - 10 \div 10) \times 8 \\ & = (9 + 4 - 1) \times 8 \\ & = (13 - 1) \times 8 \\ & = 12 \times 8 \\ & = 96 \end{aligned}$$

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

$$\begin{aligned} & 6 \times 5 \div (4 + 10 - 2 + 3) \\ & = 6 \times 5 \div (14 - 2 + 3) \\ & = 6 \times 5 \div (12 + 3) \\ & = 6 \times 5 \div 15 \\ & = 30 \div 15 \\ & = 2 \end{aligned}$$

Order of Operations (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & ((\underline{5-3} + 7) \times 10) \div 9 - 4 \\ & = ((\underline{2+7}) \times 10) \div 9 - 4 \\ & = (\underline{9 \times 10}) \div 9 - 4 \\ & = \underline{90 \div 9} - 4 \\ & = \underline{10 - 4} \\ & = 6 \end{aligned}$$

$$\begin{aligned} & 7 \times 5 \div (\underline{4+10} - 9 + 2) \\ & = 7 \times 5 \div (\underline{14-9} + 2) \\ & = 7 \times 5 \div (\underline{5+2}) \\ & = \underline{7 \times 5} \div 7 \\ & = \underline{35 \div 7} \\ & = 5 \end{aligned}$$

$$\begin{aligned} & (\underline{8 \times 5}) \div (10 + 7 - 9 - 3) \\ & = 40 \div (\underline{10+7} - 9 - 3) \\ & = 40 \div (\underline{17-9} - 3) \\ & = 40 \div (\underline{8-3}) \\ & = \underline{40 \div 5} \\ & = 8 \end{aligned}$$

$$\begin{aligned} & (\underline{8-3} + 9) \div 7 \times 10 + 4 \\ & = (\underline{5+9}) \div 7 \times 10 + 4 \\ & = \underline{14 \div 7} \times 10 + 4 \\ & = \underline{2 \times 10} + 4 \\ & = \underline{20 + 4} \\ & = 24 \end{aligned}$$

$$\begin{aligned} & (9 - 3 + \underline{8 \times 5}) \div 2 + 7 \\ & = (\underline{9-3} + 40) \div 2 + 7 \\ & = (\underline{6+40}) \div 2 + 7 \\ & = \underline{46 \div 2} + 7 \\ & = \underline{23+7} \\ & = 30 \end{aligned}$$

$$\begin{aligned} & 10 + 8 - 5 \times (6 \div (\underline{9-7})) \\ & = 10 + 8 - 5 \times (\underline{6 \div 2}) \\ & = 10 + 8 - \underline{5 \times 3} \\ & = \underline{10+8} - 15 \\ & = \underline{18-15} \\ & = 3 \end{aligned}$$

$$\begin{aligned} & 2 \times 9 + 7 \div (\underline{4-3} + 6) \\ & = 2 \times 9 + 7 \div (\underline{1+6}) \\ & = \underline{2 \times 9} + 7 \div 7 \\ & = 18 + \underline{7 \div 7} \\ & = \underline{18+1} \\ & = 19 \end{aligned}$$

$$\begin{aligned} & 4 - 7 \times 9 \div (3 + \underline{10 \times 6}) \\ & = 4 - 7 \times 9 \div (\underline{3+60}) \\ & = 4 - \underline{7 \times 9} \div 63 \\ & = 4 - \underline{63 \div 63} \\ & = \underline{4-1} \\ & = 3 \end{aligned}$$

Order of Operations (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (2 + 10 - 5) \times 8 \div 7 + 4 \\ & = (12 - 5) \times 8 \div 7 + 4 \\ & = 7 \times 8 \div 7 + 4 \\ & = 56 \div 7 + 4 \\ & = 8 + 4 \\ & = 12 \end{aligned}$$

$$\begin{aligned} & (9 + 3) \times 8 \div (6 - 2) \div 4 \\ & = 12 \times 8 \div (6 - 2) \div 4 \\ & = 12 \times 8 \div 4 \div 4 \\ & = 96 \div 4 \div 4 \\ & = 24 \div 4 \\ & = 6 \end{aligned}$$

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

$$\begin{aligned} & (3 + 9 - 2) \times 7 \div 5 + 8 \\ & = (12 - 2) \times 7 \div 5 + 8 \\ & = 10 \times 7 \div 5 + 8 \\ & = 70 \div 5 + 8 \\ & = 14 + 8 \\ & = 22 \end{aligned}$$

$$\begin{aligned} & (6 - 2 + 8) \times (10 \div 5 + 4) \\ & = (4 + 8) \times (10 \div 5 + 4) \\ & = 12 \times (10 \div 5 + 4) \\ & = 12 \times (2 + 4) \\ & = 12 \times 6 \\ & = 72 \end{aligned}$$

$$\begin{aligned} & (3 + 5 \times 9) \div 2 - 7 - 8 \\ & = (3 + 45) \div 2 - 7 - 8 \\ & = 48 \div 2 - 7 - 8 \\ & = 24 - 7 - 8 \\ & = 17 - 8 \\ & = 9 \end{aligned}$$

$$\begin{aligned} & (4 \times 10) \div 5 + 7 - 6 \times 2 \\ & = 40 \div 5 + 7 - 6 \times 2 \\ & = 8 + 7 - 6 \times 2 \\ & = 8 + 7 - 12 \\ & = 15 - 12 \\ & = 3 \end{aligned}$$

$$\begin{aligned} & (7 - 10 \div 5) \times (4 + 6 + 9) \\ & = (7 - 2) \times (4 + 6 + 9) \\ & = 5 \times (4 + 6 + 9) \\ & = 5 \times (10 + 9) \\ & = 5 \times 19 \\ & = 95 \end{aligned}$$

Order of Operations (G)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (G)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (6 \times 7) \div (9 - 3 + 5 - 4) \\ & = 42 \div (9 - 3 + 5 - 4) \\ & = 42 \div (6 + 5 - 4) \\ & = 42 \div (11 - 4) \\ & = \underline{42 \div 7} \\ & = 6 \end{aligned}$$

$$\begin{aligned} & ((8 - 2) \div 3 \times 5 + 6) \div 4 \\ & = (6 \div 3 \times 5 + 6) \div 4 \\ & = (2 \times 5 + 6) \div 4 \\ & = (10 + 6) \div 4 \\ & = \underline{16 \div 4} \\ & = 4 \end{aligned}$$

$$\begin{aligned} & 6 \times (8 + 2 - 4) \div (7 - 3) \\ & = 6 \times (10 - 4) \div (7 - 3) \\ & = 6 \times 6 \div (7 - 3) \\ & = \underline{6 \times 6} \div 4 \\ & = \underline{36 \div 4} \\ & = 9 \end{aligned}$$

$$\begin{aligned} & 6 \times ((4 + 9 - 5) \div 2 - 3) \\ & = 6 \times ((13 - 5) \div 2 - 3) \\ & = 6 \times (8 \div 2 - 3) \\ & = 6 \times (4 - 3) \\ & = \underline{6 \times 1} \\ & = 6 \end{aligned}$$

$$\begin{aligned} & (7 \times (3 + 9 - 4)) \div 8 \times 6 \\ & = (7 \times (12 - 4)) \div 8 \times 6 \\ & = (7 \times 8) \div 8 \times 6 \\ & = \underline{56 \div 8} \times 6 \\ & = \underline{7 \times 6} \\ & = 42 \end{aligned}$$

$$\begin{aligned} & 10 \times (8 + 2) \div 5 - 9 + 6 \\ & = \underline{10 \times 10} \div 5 - 9 + 6 \\ & = \underline{100 \div 5} - 9 + 6 \\ & = \underline{20 - 9} + 6 \\ & = \underline{11 + 6} \\ & = 17 \end{aligned}$$

$$\begin{aligned} & 4 \times (7 + 3 - 8 \div 2 + 10) \\ & = 4 \times (7 + 3 - 4 + 10) \\ & = 4 \times (10 - 4 + 10) \\ & = 4 \times (6 + 10) \\ & = \underline{4 \times 16} \\ & = 64 \end{aligned}$$

$$\begin{aligned} & (5 + 8 - 7) \div 2 \times 10 - 6 \\ & = (13 - 7) \div 2 \times 10 - 6 \\ & = \underline{6 \div 2} \times 10 - 6 \\ & = \underline{3 \times 10} - 6 \\ & = \underline{30 - 6} \\ & = 24 \end{aligned}$$

Order of Operations (H)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (H)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (\underline{10 \div 2}) \times (5 - 3 + 8 + 7) \\ & = 5 \times (\underline{5 - 3} + 8 + 7) \\ & = 5 \times (\underline{2 + 8} + 7) \\ & = 5 \times (\underline{10 + 7}) \\ & = \underline{5 \times 17} \\ & = 85 \end{aligned}$$

$$\begin{aligned} & (\underline{10 \div 2} - 3 + 8) \times 4 + 5 \\ & = (\underline{5 - 3} + 8) \times 4 + 5 \\ & = (\underline{2 + 8}) \times 4 + 5 \\ & = \underline{10 \times 4} + 5 \\ & = \underline{40 + 5} \\ & = 45 \end{aligned}$$

$$\begin{aligned} & 6 \div 3 \times (\underline{8 + 5} - 7) \div 2 \\ & = 6 \div 3 \times (\underline{13 - 7}) \div 2 \\ & = \underline{6 \div 3} \times 6 \div 2 \\ & = \underline{2 \times 6} \div 2 \\ & = \underline{12 \div 2} \\ & = 6 \end{aligned}$$

$$\begin{aligned} & 4 \times (\underline{5 + 9} - 2) \div 6 + 3 \\ & = 4 \times (\underline{14 - 2}) \div 6 + 3 \\ & = \underline{4 \times 12} \div 6 + 3 \\ & = \underline{48 \div 6} + 3 \\ & = \underline{8 + 3} \\ & = 11 \end{aligned}$$

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

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

$$\begin{aligned} & 10 \times 6 \div (\underline{3 + 2} - 4 + 9) \\ & = 10 \times 6 \div (\underline{5 - 4} + 9) \\ & = 10 \times 6 \div (\underline{1 + 9}) \\ & = \underline{10 \times 6} \div 10 \\ & = \underline{60 \div 10} \\ & = 6 \end{aligned}$$

$$\begin{aligned} & 10 \div 2 \times (\underline{7 + 9} - 5 - 8) \\ & = 10 \div 2 \times (\underline{16 - 5} - 8) \\ & = 10 \div 2 \times (\underline{11 - 8}) \\ & = \underline{10 \div 2} \times 3 \\ & = \underline{5 \times 3} \\ & = 15 \end{aligned}$$

Order of Operations (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (7 + 5) \div 4 \times 9 - 2 - 8 \\ & = 12 \div 4 \times 9 - 2 - 8 \\ & = 3 \times 9 - 2 - 8 \\ & = 27 - 2 - 8 \\ & = 25 - 8 \\ & = 17 \end{aligned}$$

$$\begin{aligned} & 6 \times (10 + 9 - 8) \div (5 - 3) \\ & = 6 \times (19 - 8) \div (5 - 3) \\ & = 6 \times 11 \div (5 - 3) \\ & = 6 \times 11 \div 2 \\ & = 66 \div 2 \\ & = 33 \end{aligned}$$

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

$$\begin{aligned} & (8 - 4 \div 2) \times 6 + 7 \times 5 \\ & = (8 - 2) \times 6 + 7 \times 5 \\ & = 6 \times 6 + 7 \times 5 \\ & = 36 + 7 \times 5 \\ & = 36 + 35 \\ & = 71 \end{aligned}$$

$$\begin{aligned} & (9 \times 6 - 4) \div 10 + 7 + 2 \\ & = (54 - 4) \div 10 + 7 + 2 \\ & = 50 \div 10 + 7 + 2 \\ & = 5 + 7 + 2 \\ & = 12 + 2 \\ & = 14 \end{aligned}$$

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

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

$$\begin{aligned} & 7 + 2 - 10 \times 8 \div (4 + 6) \\ & = 7 + 2 - 10 \times 8 \div 10 \\ & = 7 + 2 - 80 \div 10 \\ & = 7 + 2 - 8 \\ & = 9 - 8 \\ & = 1 \end{aligned}$$

Order of Operations (J)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (J)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned}(8 - 9 \div (2 + 7)) \times 5 + 3 \\ &= (8 - 9 \div 9) \times 5 + 3 \\ &= (8 - 1) \times 5 + 3 \\ &= 7 \times 5 + 3 \\ &= 35 + 3 \\ &= 38\end{aligned}$$

$$\begin{aligned}10 \times 9 \div (6 - 3 + 4 - 5) \\ &= 10 \times 9 \div (3 + 4 - 5) \\ &= 10 \times 9 \div (7 - 5) \\ &= 10 \times 9 \div 2 \\ &= 90 \div 2 \\ &= 45\end{aligned}$$

$$\begin{aligned}7 \times (6 + 10 - 8 \div 2 \times 4) \\ &= 7 \times (6 + 10 - 4 \times 4) \\ &= 7 \times (6 + 10 - 16) \\ &= 7 \times (16 - 16) \\ &= 7 \times 0 \\ &= 0\end{aligned}$$

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

$$\begin{aligned}(10 + 6 - 9) \times 4 \div 2 - 8 \\ &= (16 - 9) \times 4 \div 2 - 8 \\ &= 7 \times 4 \div 2 - 8 \\ &= 28 \div 2 - 8 \\ &= 14 - 8 \\ &= 6\end{aligned}$$

$$\begin{aligned}(6 \times 10) \div 5 - 9 + 8 - 4 \\ &= 60 \div 5 - 9 + 8 - 4 \\ &= 12 - 9 + 8 - 4 \\ &= 3 + 8 - 4 \\ &= 11 - 4 \\ &= 7\end{aligned}$$

$$\begin{aligned}(9 - 2 \times 6 \div 4 + 3) \times 7 \\ &= (9 - 12 \div 4 + 3) \times 7 \\ &= (9 - 3 + 3) \times 7 \\ &= (6 + 3) \times 7 \\ &= 9 \times 7 \\ &= 63\end{aligned}$$

$$\begin{aligned}8 \times (5 + 9 \div 3 - 2 + 6) \\ &= 8 \times (5 + 3 - 2 + 6) \\ &= 8 \times (8 - 2 + 6) \\ &= 8 \times (6 + 6) \\ &= 8 \times 12 \\ &= 96\end{aligned}$$