

Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

$$(5 \div (-5) - (-8)) \times (8 + (-6))$$

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

Order of Operations (A) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

$$\begin{aligned} & 6 \times (5 - (-5) + 2) \div 8 \\ &= 6 \times (\underline{10 + 2}) \div 8 \\ &= \underline{6 \times 12} \div 8 \\ &= \underline{72 \div 8} \\ &= 9 \end{aligned}$$

$$\begin{aligned} & (7 \times 8 - (-10)) \div 6 + (-6) \\ &= (\underline{56 - (-10)}) \div 6 + (-6) \\ &= \underline{66 \div 6} + (-6) \\ &= \underline{11 + (-6)} \\ &= 5 \end{aligned}$$

$$\begin{aligned} & 9 \times (3 - 5 + (-2)) \div (-3) \\ &= 9 \times ((-2) + (-2)) \div (-3) \\ &= \underline{9 \times (-4)} \div (-3) \\ &= \underline{(-36) \div (-3)} \\ &= 12 \end{aligned}$$

$$\begin{aligned} & (5 \div (-5) - (-8)) \times (8 + (-6)) \\ &= (\underline{(-1) - (-8)}) \times (8 + (-6)) \\ &= 7 \times (\underline{8 + (-6)}) \\ &= \underline{7 \times 2} \\ &= 14 \end{aligned}$$

$$\begin{aligned} & (8 \times (-4) - (-9) + (-7)) \div 3 \\ &= (\underline{(-32) - (-9)} + (-7)) \div 3 \\ &= (\underline{(-23) + (-7)}) \div 3 \\ &= \underline{(-30) \div 3} \\ &= -10 \end{aligned}$$

Order of Operations (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (B) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (6 \times (-4) - (-8)) \div (9 + 7) \\ & = ((-24) - (-8)) \div (9 + 7) \\ & = (-16) \div (9 + 7) \\ & = \underline{(-16) \div 16} \\ & = -1 \end{aligned}$$

$$\begin{aligned} & 10 \times (4 + (-9)) \div ((-5) - (-3)) \\ & = 10 \times (-5) \div ((-5) - (-3)) \\ & = \underline{10 \times (-5)} \div (-2) \\ & = \underline{(-50) \div (-2)} \\ & = 25 \end{aligned}$$

$$\begin{aligned} & 9 \times (2 - 8 \div 4 + 6) \\ & = 9 \times (2 - 2 + 6) \\ & = 9 \times (0 + 6) \\ & = \underline{9 \times 6} \\ & = 54 \end{aligned}$$

$$\begin{aligned} & (-2) + 6 \times (4 - (-8)) \div (-3) \\ & = (-2) + \underline{6 \times 12} \div (-3) \\ & = (-2) + \underline{72 \div (-3)} \\ & = \underline{(-2) + (-24)} \\ & = -26 \end{aligned}$$

$$\begin{aligned} & ((-10) - 3) \div (9 + (-8)) \times (-3) \\ & = (-13) \div (9 + (-8)) \times (-3) \\ & = \underline{(-13) \div 1} \times (-3) \\ & = \underline{(-13) \times (-3)} \\ & = 39 \end{aligned}$$

$$\begin{aligned} & (3 - 6 \times 5) \div ((-10) + 7) \\ & = (3 - 30) \div ((-10) + 7) \\ & = (-27) \div ((-10) + 7) \\ & = \underline{(-27) \div (-3)} \\ & = 9 \end{aligned}$$

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

$$\begin{aligned} & (((-4) + 10) \div 2) \times (-6) - 5 \\ & = (6 \div 2) \times (-6) - 5 \\ & = \underline{3 \times (-6)} - 5 \\ & = \underline{(-18) - 5} \\ & = -23 \end{aligned}$$

Order of Operations (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (C) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

$$\begin{aligned} & (\underline{(-9) - (-5)}) \times (-6) \div ((-10) + 6) \\ & = (-4) \times (-6) \div (\underline{(-10) + 6}) \\ & = \underline{(-4) \times (-6)} \div (-4) \\ & = \underline{24 \div (-4)} \\ & = -6 \end{aligned}$$

$$\begin{aligned} & (-4) \times 9 \div (\underline{2 - (-10)} + (-8)) \\ & = (-4) \times 9 \div (\underline{12 + (-8)}) \\ & = \underline{(-4) \times 9} \div 4 \\ & = \underline{(-36) \div 4} \\ & = -9 \end{aligned}$$

$$\begin{aligned} & 9 \times 10 \div (\underline{(-3) + (-10)} - 2) \\ & = 9 \times 10 \div (\underline{(-13) - 2}) \\ & = \underline{9 \times 10} \div (-15) \\ & = \underline{90 \div (-15)} \\ & = -6 \end{aligned}$$

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

$$\begin{aligned} & (\underline{9 \div (-9)} + 5) \times ((-7) - 3) \\ & = (\underline{(-1) + 5}) \times ((-7) - 3) \\ & = 4 \times (\underline{(-7) - 3}) \\ & = \underline{4 \times (-10)} \\ & = -40 \end{aligned}$$

$$\begin{aligned} & (\underline{7 \times 3} - (-4)) \div ((-5) + 10) \\ & = (\underline{21 - (-4)}) \div ((-5) + 10) \\ & = 25 \div (\underline{(-5) + 10}) \\ & = \underline{25 \div 5} \\ & = 5 \end{aligned}$$

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

Order of Operations (D)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$3 \times (9 \div (-9) - 4 + (-4))$$

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

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

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

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

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

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

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

Order of Operations (D) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 3 \times (9 \div (-9) - 4 + (-4)) \\ &= 3 \times ((-1) - 4 + (-4)) \\ &= 3 \times ((-5) + (-4)) \\ &= \underline{3 \times (-9)} \\ &= -27 \end{aligned}$$

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

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

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

$$\begin{aligned} & (10 + (-10)) \div (-3) - 2 \times 7 \\ &= \underline{0 \div (-3)} - 2 \times 7 \\ &= 0 - \underline{2 \times 7} \\ &= \underline{0 - 14} \\ &= -14 \end{aligned}$$

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

$$\begin{aligned} & (4 \times (-10) + 8 - (-8)) \div (-2) \\ &= ((-40) + 8 - (-8)) \div (-2) \\ &= ((-32) - (-8)) \div (-2) \\ &= \underline{(-24) \div (-2)} \\ &= 12 \end{aligned}$$

$$\begin{aligned} & (-10) \times ((-5) - (-6) + 6 \div 2) \\ &= (-10) \times ((-5) - (-6) + 3) \\ &= (-10) \times (\underline{1 + 3}) \\ &= \underline{(-10) \times 4} \\ &= -40 \end{aligned}$$

Order of Operations (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (E) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (8 - (-7)) \times ((-4) + (-2)) \div (-5) \\ &= 15 \times ((-4) + (-2)) \div (-5) \\ &= 15 \times (-6) \div (-5) \\ &= \frac{(-90)}{(-5)} \\ &= 18 \end{aligned}$$

$$\begin{aligned} & 7 \times (2 - (-10)) \div ((-8) + 4) \\ &= 7 \times 12 \div ((-8) + 4) \\ &= 7 \times 12 \div (-4) \\ &= \frac{84}{(-4)} \\ &= -21 \end{aligned}$$

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

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

$$\begin{aligned} & (-10) \times ((-9) - (-3) + 6) \div (-7) \\ &= (-10) \times ((-6) + 6) \div (-7) \\ &= \frac{(-10) \times 0}{(-7)} \\ &= \frac{0}{(-7)} \\ &= 0 \end{aligned}$$

$$\begin{aligned} & (-6) \div 3 - (-5) \times (8 + 5) \\ &= \frac{(-6)}{3} - (-5) \times 13 \\ &= (-2) - \frac{(-5) \times 13}{1} \\ &= \frac{(-2) - (-65)}{1} \\ &= 63 \end{aligned}$$

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

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

Order of Operations (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

$$(-2) + (-3) \times (((-6) - 6) \div 2)$$

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

Order of Operations (F) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \left(\frac{-8}{-4} \right) \times (-3) - 7 + 6 \\ & = \underline{2 \times (-3)} - 7 + 6 \\ & = \underline{(-6) - 7} + 6 \\ & = \underline{(-13) + 6} \\ & = -7 \end{aligned}$$

$$\begin{aligned} & 3 - (-6) + 8 \times \left(\frac{9}{-9} \right) \\ & = 3 - (-6) + \underline{8 \times (-1)} \\ & = \underline{3 - (-6)} + (-8) \\ & = \underline{9 + (-8)} \\ & = 1 \end{aligned}$$

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

$$\begin{aligned} & 3 \times (-10) \div \left(\underline{(-7) - 5} + 7 \right) \\ & = 3 \times (-10) \div \left(\underline{(-12) + 7} \right) \\ & = \underline{3 \times (-10)} \div (-5) \\ & = \underline{(-30) \div (-5)} \\ & = 6 \end{aligned}$$

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

$$\begin{aligned} & \left(\underline{(-5) \times (-7)} - (-8) + (-3) \right) \div 2 \\ & = \left(\underline{35 - (-8)} + (-3) \right) \div 2 \\ & = \left(\underline{43 + (-3)} \right) \div 2 \\ & = \underline{40 \div 2} \\ & = 20 \end{aligned}$$

$$\begin{aligned} & (-2) + (-3) \times \left(\left(\underline{(-6) - 6} \right) \div 2 \right) \\ & = (-2) + (-3) \times \left(\underline{(-12) \div 2} \right) \\ & = (-2) + \underline{(-3) \times (-6)} \\ & = \underline{(-2) + 18} \\ & = 16 \end{aligned}$$

$$\begin{aligned} & \left(\underline{5 \times (-7)} - (-4) \right) \div (8 + (-9)) \\ & = \left(\underline{(-35) - (-4)} \right) \div (8 + (-9)) \\ & = (-31) \div \left(\underline{8 + (-9)} \right) \\ & = \underline{(-31) \div (-1)} \\ & = 31 \end{aligned}$$

Order of Operations (G)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

$$((-8) - 2) \times (-2) \div (-10) + 8$$

Order of Operations (G) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (4 + 5 - \underline{(-4) \div 2}) \times (-9) \\ &= \underline{(4 + 5 - (-2))} \times (-9) \\ &= \underline{(9 - (-2))} \times (-9) \\ &= \underline{11 \times (-9)} \\ &= -99 \end{aligned}$$

$$\begin{aligned} & (\underline{9 \div (-3)} - (-4) + (-9)) \times (-10) \\ &= \underline{((-3) - (-4) + (-9))} \times (-10) \\ &= \underline{(1 + (-9))} \times (-10) \\ &= \underline{(-8) \times (-10)} \\ &= 80 \end{aligned}$$

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

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

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

$$\begin{aligned} & (-5) + (-9) - (-7) \times (\underline{8 \div (-8)}) \\ &= (-5) + (-9) - \underline{(-7) \times (-1)} \\ &= \underline{(-5) + (-9)} - 7 \\ &= \underline{(-14) - 7} \\ &= -21 \end{aligned}$$

$$\begin{aligned} & (-4) \times (\underline{(-10) + (-5)} - (-7)) \div 8 \\ &= (-4) \times (\underline{(-15) - (-7)}) \div 8 \\ &= \underline{(-4) \times (-8)} \div 8 \\ &= \underline{32 \div 8} \\ &= 4 \end{aligned}$$

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

Order of Operations (H)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (H) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

$$\begin{aligned} & 10 - 9 \div ((-4) + (-5)) \times 3 \\ &= 10 - \underline{9 \div (-9)} \times 3 \\ &= 10 - \underline{(-1) \times 3} \\ &= \underline{10 - (-3)} \\ &= 13 \end{aligned}$$

$$\begin{aligned} & (-9) \times ((4 + 10) - 6) \div 8 \\ &= (-9) \times ((\underline{14 - 6}) \div 8) \\ &= (-9) \times (\underline{8 \div 8}) \\ &= \underline{(-9) \times 1} \\ &= -9 \end{aligned}$$

$$\begin{aligned} & (9 \times 2 + 6) \div ((-4) - (-3)) \\ &= (\underline{18 + 6}) \div ((-4) - (-3)) \\ &= 24 \div (\underline{(-4) - (-3)}) \\ &= \underline{24 \div (-1)} \\ &= -24 \end{aligned}$$

$$\begin{aligned} & ((-10) + (-4) - \underline{7 \div (-7)}) \times (-2) \\ &= (\underline{(-10) + (-4) - (-1)}) \times (-2) \\ &= (\underline{(-14) - (-1)}) \times (-2) \\ &= \underline{(-13) \times (-2)} \\ &= 26 \end{aligned}$$

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

$$\begin{aligned} & ((-9) \times 7 + 6 - (-7)) \div 5 \\ &= (\underline{(-63) + 6 - (-7)}) \div 5 \\ &= (\underline{(-57) - (-7)}) \div 5 \\ &= \underline{(-50) \div 5} \\ &= -10 \end{aligned}$$

Order of Operations (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

$$4 \times (9 + (-9) - 5 \div (-5))$$

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

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

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

$$(9 - 2 + (-9)) \times (8 \div (-2))$$

Order of Operations (I) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \left(\underline{(-6) \times (-3)} \right) \div (-2) + (-4) - 6 \\ & = \underline{18 \div (-2)} + (-4) - 6 \\ & = \underline{(-9) + (-4)} - 6 \\ & = \underline{(-13) - 6} \\ & = -19 \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-9) - (-10)} + 3 \right) \times 6 \div (-3) \\ & = \underline{(1 + 3)} \times 6 \div (-3) \\ & = \underline{4 \times 6} \div (-3) \\ & = \underline{24 \div (-3)} \\ & = -8 \end{aligned}$$

$$\begin{aligned} & 6 \times ((-2) - \underline{4 \div 2} + (-5)) \\ & = 6 \times \left(\underline{(-2) - 2} + (-5) \right) \\ & = 6 \times \left(\underline{(-4) + (-5)} \right) \\ & = \underline{6 \times (-9)} \\ & = -54 \end{aligned}$$

$$\begin{aligned} & 4 \times \left(9 + (-9) - \underline{5 \div (-5)} \right) \\ & = 4 \times \left(\underline{9 + (-9)} - (-1) \right) \\ & = 4 \times \left(\underline{0 - (-1)} \right) \\ & = \underline{4 \times 1} \\ & = 4 \end{aligned}$$

$$\begin{aligned} & 3 \div \left(\underline{2 + (-3)} \right) \times (4 - (-7)) \\ & = 3 \div (-1) \times \left(\underline{4 - (-7)} \right) \\ & = \underline{3 \div (-1)} \times 11 \\ & = \underline{(-3) \times 11} \\ & = -33 \end{aligned}$$

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

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

$$\begin{aligned} & \left(\underline{9 - 2} + (-9) \right) \times (8 \div (-2)) \\ & = \left(\underline{7 + (-9)} \right) \times (8 \div (-2)) \\ & = (-2) \times \left(\underline{8 \div (-2)} \right) \\ & = \underline{(-2) \times (-4)} \\ & = 8 \end{aligned}$$

Order of Operations (J)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

$$((-6) - 2 \div (-2)) \times (9 + 6)$$

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

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

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

$$(-4) \div (4 - 8 + 3) \times (-3)$$

Order of Operations (J) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (-7) \times \left(\left(\underline{(-5) - (-3)} + 8 \right) \div 3 \right) \\ &= (-7) \times \left(\left(\underline{(-2) + 8} \right) \div 3 \right) \\ &= (-7) \times \underline{(6 \div 3)} \\ &= \underline{(-7) \times 2} \\ &= \underline{-14} \end{aligned}$$

$$\begin{aligned} & \left(8 - \underline{(-7) \div 7} \right) \times (-6) + (-10) \\ &= \left(\underline{8 - (-1)} \right) \times (-6) + (-10) \\ &= \underline{9 \times (-6)} + (-10) \\ &= \underline{(-54) + (-10)} \\ &= \underline{-64} \end{aligned}$$

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

$$\begin{aligned} & \left((-6) - \underline{2 \div (-2)} \right) \times (9 + 6) \\ &= \left(\underline{(-6) - (-1)} \right) \times (9 + 6) \\ &= (-5) \times \underline{(9 + 6)} \\ &= \underline{(-5) \times 15} \\ &= \underline{-75} \end{aligned}$$

$$\begin{aligned} & 10 - 4 \times \left(\underline{(-8) \div 2} + 7 \right) \\ &= 10 - 4 \times \left(\underline{(-4) + 7} \right) \\ &= 10 - \underline{4 \times 3} \\ &= \underline{10 - 12} \\ &= \underline{-2} \end{aligned}$$

$$\begin{aligned} & \left(10 - \underline{3 \times (-7)} + 9 \right) \div 5 \\ &= \left(\underline{10 - (-21)} + 9 \right) \div 5 \\ &= \underline{(31 + 9)} \div 5 \\ &= \underline{40 \div 5} \\ &= \underline{8} \end{aligned}$$

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

$$\begin{aligned} & (-4) \div \left(\underline{4 - 8} + 3 \right) \times (-3) \\ &= (-4) \div \left(\underline{(-4) + 3} \right) \times (-3) \\ &= \underline{(-4) \div (-1)} \times (-3) \\ &= \underline{4 \times (-3)} \\ &= \underline{-12} \end{aligned}$$