

Order of Operations with Decimals (A)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(-7,5)^2 + (-5,3) \times (-1,9)$$

$$2,8 \times (-5,6) - (-7,5)^2$$

$$(-4,7)^2 + 8,5 \times (-9,6)$$

$$(8,2 + (-1,9))^2 \div (-2,7)$$

$$(-5,4) - (-4,6)^2 \times (-2,5)$$

$$(3,9)^2 - 5,7 \times 7,8$$

$$6,7 \times (-4,1) - (0,5)^2$$

$$(-1,6)^2 - (-6,7) \times (-8,8)$$

$$(-3,7) \times (-2,9) - (-9,4)^2$$

$$(-7,6) \times (-4,5) + (-1,7)^2$$

Order of Operations with Decimals (A) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & \underline{(-7,5)^2} + (-5,3) \times (-1,9) \\ & = 56,25 + \underline{(-5,3) \times (-1,9)} \\ & = \underline{56,25 + 10,07} \\ & = 66,32 \end{aligned}$$

$$\begin{aligned} & 2,8 \times (-5,6) - \underline{(-7,5)^2} \\ & = \underline{2,8 \times (-5,6)} - 56,25 \\ & = \underline{(-15,68) - 56,25} \\ & = -71,93 \end{aligned}$$

$$\begin{aligned} & \underline{(-4,7)^2} + 8,5 \times (-9,6) \\ & = 22,09 + \underline{8,5 \times (-9,6)} \\ & = \underline{22,09 + (-81,6)} \\ & = -59,51 \end{aligned}$$

$$\begin{aligned} & \left(\underline{8,2 + (-1,9)} \right)^2 \div (-2,7) \\ & = \underline{(6,3)^2} \div (-2,7) \\ & = \underline{39,69} \div (-2,7) \\ & = -14,7 \end{aligned}$$

$$\begin{aligned} & (-5,4) - \underline{(-4,6)^2} \times (-2,5) \\ & = (-5,4) - \underline{21,16 \times (-2,5)} \\ & = \underline{(-5,4) - (-52,9)} \\ & = 47,5 \end{aligned}$$

$$\begin{aligned} & \underline{(3,9)^2} - 5,7 \times 7,8 \\ & = 15,21 - \underline{5,7 \times 7,8} \\ & = \underline{15,21 - 44,46} \\ & = -29,25 \end{aligned}$$

$$\begin{aligned} & 6,7 \times (-4,1) - \underline{(0,5)^2} \\ & = \underline{6,7 \times (-4,1)} - 0,25 \\ & = \underline{(-27,47) - 0,25} \\ & = -27,72 \end{aligned}$$

$$\begin{aligned} & \underline{(-1,6)^2} - (-6,7) \times (-8,8) \\ & = 2,56 - \underline{(-6,7) \times (-8,8)} \\ & = \underline{2,56 - 58,96} \\ & = -56,4 \end{aligned}$$

$$\begin{aligned} & (-3,7) \times (-2,9) - \underline{(-9,4)^2} \\ & = \underline{(-3,7) \times (-2,9)} - 88,36 \\ & = \underline{10,73 - 88,36} \\ & = -77,63 \end{aligned}$$

$$\begin{aligned} & (-7,6) \times (-4,5) + \underline{(-1,7)^2} \\ & = \underline{(-7,6) \times (-4,5)} + 2,89 \\ & = \underline{34,2 + 2,89} \\ & = 37,09 \end{aligned}$$

Order of Operations with Decimals (B)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(-6,5) + (1,1)^2 \div (-2,2)$$

$$(-1,7)^2 + 4,7 \times 9,7$$

$$\left((-4,4)^2 - (-2,1)\right) \times 2,5$$

$$6,2 \times 5,6 + (-2,5)^2$$

$$(-7,4) - (8,1)^2 \div 1,5$$

$$(-2,3) \times 0,6 - (9,3)^2$$

$$(4,3)^2 - (-3,3) \times (-8,2)$$

$$(7,1)^2 - 2,1 \times 8,2$$

$$(-6,3)^2 + 0,8 \times 5,5$$

$$\left(0,1 + (-3,7)^2\right) \div (-3,5)$$

Order of Operations with Decimals (B) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} &(-6,5) + (1,1)^2 \div (-2,2) \\ &= (-6,5) + 1,21 \div (-2,2) \\ &= (-6,5) + (-0,55) \\ &= -7,05 \end{aligned}$$

$$\begin{aligned} &(-1,7)^2 + 4,7 \times 9,7 \\ &= 2,89 + 4,7 \times 9,7 \\ &= 2,89 + 45,59 \\ &= 48,48 \end{aligned}$$

$$\begin{aligned} &((-4,4)^2 - (-2,1)) \times 2,5 \\ &= (19,36 - (-2,1)) \times 2,5 \\ &= 21,46 \times 2,5 \\ &= 53,65 \end{aligned}$$

$$\begin{aligned} &6,2 \times 5,6 + (-2,5)^2 \\ &= 6,2 \times 5,6 + 6,25 \\ &= 34,72 + 6,25 \\ &= 40,97 \end{aligned}$$

$$\begin{aligned} &(-7,4) - (8,1)^2 \div 1,5 \\ &= (-7,4) - 65,61 \div 1,5 \\ &= (-7,4) - 43,74 \\ &= -51,14 \end{aligned}$$

$$\begin{aligned} &(-2,3) \times 0,6 - (9,3)^2 \\ &= (-2,3) \times 0,6 - 86,49 \\ &= (-1,38) - 86,49 \\ &= -87,87 \end{aligned}$$

$$\begin{aligned} &(4,3)^2 - (-3,3) \times (-8,2) \\ &= 18,49 - (-3,3) \times (-8,2) \\ &= 18,49 - 27,06 \\ &= -8,57 \end{aligned}$$

$$\begin{aligned} &(7,1)^2 - 2,1 \times 8,2 \\ &= 50,41 - 2,1 \times 8,2 \\ &= 50,41 - 17,22 \\ &= 33,19 \end{aligned}$$

$$\begin{aligned} &(-6,3)^2 + 0,8 \times 5,5 \\ &= 39,69 + 0,8 \times 5,5 \\ &= 39,69 + 4,4 \\ &= 44,09 \end{aligned}$$

$$\begin{aligned} &(0,1 + (-3,7)^2) \div (-3,5) \\ &= (0,1 + 13,69) \div (-3,5) \\ &= 13,79 \div (-3,5) \\ &= -3,94 \end{aligned}$$

Order of Operations with Decimals (C)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$0,8 \div ((-8,3) + 9,1)^2$$

$$6,4 \times 0,5 + (3,3)^2$$

$$(2,6 + 3,9)^2 \times 0,8$$

$$((-1,5) + 8,7) \div (-0,3)^2$$

$$(2,2)^2 \times (-7,5) + 5,2$$

$$(7,5)^2 + 1,5 \times 6,4$$

$$(-2,8)^2 - 9,7 \times (-1,7)$$

$$(-1,6)^2 + 9,5 \times (-0,2)$$

$$0,8 \times (-0,5) - (-4,6)^2$$

$$(-5,6) \times (-7,9) - (9,9)^2$$

Order of Operations with Decimals (C) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & 0,8 \div \left(\underline{(-8,3) + 9,1} \right)^2 \\ & = 0,8 \div \underline{(0,8)^2} \\ & = \underline{0,8 \div 0,64} \\ & = 1,25 \end{aligned}$$

$$\begin{aligned} & 6,4 \times 0,5 + \underline{(3,3)^2} \\ & = \underline{6,4 \times 0,5} + 10,89 \\ & = \underline{3,2 + 10,89} \\ & = 14,09 \end{aligned}$$

$$\begin{aligned} & \underline{(2,6 + 3,9)^2} \times 0,8 \\ & = \underline{(6,5)^2} \times 0,8 \\ & = \underline{42,25 \times 0,8} \\ & = 33,8 \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-1,5) + 8,7} \right) \div (-0,3)^2 \\ & = 7,2 \div \underline{(-0,3)^2} \\ & = \underline{7,2 \div 0,09} \\ & = 80 \end{aligned}$$

$$\begin{aligned} & \underline{(2,2)^2} \times (-7,5) + 5,2 \\ & = \underline{4,84 \times (-7,5)} + 5,2 \\ & = \underline{(-36,3) + 5,2} \\ & = -31,1 \end{aligned}$$

$$\begin{aligned} & \underline{(7,5)^2} + 1,5 \times 6,4 \\ & = 56,25 + \underline{1,5 \times 6,4} \\ & = \underline{56,25 + 9,6} \\ & = 65,85 \end{aligned}$$

$$\begin{aligned} & \underline{(-2,8)^2} - 9,7 \times (-1,7) \\ & = 7,84 - \underline{9,7 \times (-1,7)} \\ & = \underline{7,84 - (-16,49)} \\ & = 24,33 \end{aligned}$$

$$\begin{aligned} & \underline{(-1,6)^2} + 9,5 \times (-0,2) \\ & = 2,56 + \underline{9,5 \times (-0,2)} \\ & = \underline{2,56 + (-1,9)} \\ & = 0,66 \end{aligned}$$

$$\begin{aligned} & 0,8 \times (-0,5) - \underline{(-4,6)^2} \\ & = \underline{0,8 \times (-0,5)} - 21,16 \\ & = \underline{(-0,4) - 21,16} \\ & = -21,56 \end{aligned}$$

$$\begin{aligned} & (-5,6) \times (-7,9) - \underline{(9,9)^2} \\ & = \underline{(-5,6) \times (-7,9)} - 98,01 \\ & = \underline{44,24 - 98,01} \\ & = -53,77 \end{aligned}$$

Order of Operations with Decimals (D)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(2,8 - 4,4) \times (-3,5)^2$$

$$(3,4)^2 - 4,4 \times (-9,2)$$

$$(6,5 + (-7,9)) \div (-0,4)^2$$

$$((-3,6) + 3,6) \div (-9,3)^2$$

$$5,3 \times 7,8 - (5,6)^2$$

$$(-7,8)^2 \div 1,2 + (-7,2)$$

$$(2,2)^2 - (-3,6) \div 0,4$$

$$(3,4)^2 \times ((-4,3) + (-1,7))$$

$$6,5 \times 1,8 - (-0,3)^2$$

$$(5,6 - (3,2)^2) \times 4,8$$

Order of Operations with Decimals (D) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & \underline{(2,8 - 4,4)} \times (-3,5)^2 \\ & = (-1,6) \times \underline{(-3,5)^2} \\ & = \underline{(-1,6) \times 12,25} \\ & = -19,6 \end{aligned}$$

$$\begin{aligned} & \underline{(3,4)^2} - 4,4 \times (-9,2) \\ & = 11,56 - \underline{4,4 \times (-9,2)} \\ & = \underline{11,56 - (-40,48)} \\ & = 52,04 \end{aligned}$$

$$\begin{aligned} & \underline{(6,5 + (-7,9))} \div (-0,4)^2 \\ & = (-1,4) \div \underline{(-0,4)^2} \\ & = \underline{(-1,4) \div 0,16} \\ & = -8,75 \end{aligned}$$

$$\begin{aligned} & \underline{((-3,6) + 3,6)} \div (-9,3)^2 \\ & = 0 \div \underline{(-9,3)^2} \\ & = \underline{0 \div 86,49} \\ & = 0 \end{aligned}$$

$$\begin{aligned} & 5,3 \times 7,8 - \underline{(5,6)^2} \\ & = \underline{5,3 \times 7,8} - 31,36 \\ & = \underline{41,34 - 31,36} \\ & = 9,98 \end{aligned}$$

$$\begin{aligned} & \underline{(-7,8)^2} \div 1,2 + (-7,2) \\ & = \underline{60,84 \div 1,2} + (-7,2) \\ & = \underline{50,7 + (-7,2)} \\ & = 43,5 \end{aligned}$$

$$\begin{aligned} & \underline{(2,2)^2} - (-3,6) \div 0,4 \\ & = 4,84 - \underline{(-3,6) \div 0,4} \\ & = \underline{4,84 - (-9)} \\ & = 13,84 \end{aligned}$$

$$\begin{aligned} & (3,4)^2 \times \underline{((-4,3) + (-1,7))} \\ & = \underline{(3,4)^2} \times (-6) \\ & = \underline{11,56 \times (-6)} \\ & = -69,36 \end{aligned}$$

$$\begin{aligned} & 6,5 \times 1,8 - \underline{(-0,3)^2} \\ & = \underline{6,5 \times 1,8} - 0,09 \\ & = \underline{11,7 - 0,09} \\ & = 11,61 \end{aligned}$$

$$\begin{aligned} & (5,6 - \underline{(3,2)^2}) \times 4,8 \\ & = \underline{(5,6 - 10,24)} \times 4,8 \\ & = \underline{(-4,64) \times 4,8} \\ & = -22,272 \end{aligned}$$

Order of Operations with Decimals (E)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$1,4 \times (-9,7) - (4,2)^2$$

$$(-0,1) - 4,8 \times (1,5)^2$$

$$(6,5)^2 \div 2,5 + (-7,5)$$

$$(-5,8)^2 - (-3,3) \times (-3,4)$$

$$(7,9 - 8,1) \times (-1,5)^2$$

$$\left((4,1)^2 - 2,5 \right) \div 0,5$$

$$(-7,2)^2 + (-1,4) \times (-9,5)$$

$$(-1,9)^2 - (-4,1) \times (-9,1)$$

$$(-3,5) \times (2,2)^2 - 1,1$$

$$(-6,6) \times \left((1,5)^2 + (-9,2) \right)$$

Order of Operations with Decimals (E) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & 1,4 \times (-9,7) - (4,2)^2 \\ & = 1,4 \times (-9,7) - 17,64 \\ & = (-13,58) - 17,64 \\ & = -31,22 \end{aligned}$$

$$\begin{aligned} & (-0,1) - 4,8 \times (1,5)^2 \\ & = (-0,1) - 4,8 \times 2,25 \\ & = (-0,1) - 10,8 \\ & = -10,9 \end{aligned}$$

$$\begin{aligned} & (6,5)^2 \div 2,5 + (-7,5) \\ & = 42,25 \div 2,5 + (-7,5) \\ & = 16,9 + (-7,5) \\ & = 9,4 \end{aligned}$$

$$\begin{aligned} & (-5,8)^2 - (-3,3) \times (-3,4) \\ & = 33,64 - (-3,3) \times (-3,4) \\ & = 33,64 - 11,22 \\ & = 22,42 \end{aligned}$$

$$\begin{aligned} & (7,9 - 8,1) \times (-1,5)^2 \\ & = (-0,2) \times (-1,5)^2 \\ & = (-0,2) \times 2,25 \\ & = -0,45 \end{aligned}$$

$$\begin{aligned} & ((4,1)^2 - 2,5) \div 0,5 \\ & = (16,81 - 2,5) \div 0,5 \\ & = 14,31 \div 0,5 \\ & = 28,62 \end{aligned}$$

$$\begin{aligned} & (-7,2)^2 + (-1,4) \times (-9,5) \\ & = 51,84 + (-1,4) \times (-9,5) \\ & = 51,84 + 13,3 \\ & = 65,14 \end{aligned}$$

$$\begin{aligned} & (-1,9)^2 - (-4,1) \times (-9,1) \\ & = 3,61 - (-4,1) \times (-9,1) \\ & = 3,61 - 37,31 \\ & = -33,7 \end{aligned}$$

$$\begin{aligned} & (-3,5) \times (2,2)^2 - 1,1 \\ & = (-3,5) \times 4,84 - 1,1 \\ & = (-16,94) - 1,1 \\ & = -18,04 \end{aligned}$$

$$\begin{aligned} & (-6,6) \times ((1,5)^2 + (-9,2)) \\ & = (-6,6) \times (2,25 + (-9,2)) \\ & = (-6,6) \times (-6,95) \\ & = 45,87 \end{aligned}$$

Order of Operations with Decimals (F)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(-1,9)^2 \times (3,2 - (-3,8))$$

$$1,1 - 0,3 \div (0,2)^2$$

$$(-0,9) \times 5,1 + (6,8)^2$$

$$(-9,8)^2 - 2,5 \times 1,6$$

$$(4,4 + (-3,8)^2) \div 0,5$$

$$(-0,7)^2 + 4,5 \times (-3,6)$$

$$(-5,2)^2 + 6,2 \times 2,5$$

$$(-9,7) - 3,75 \times (1,6)^2$$

$$3,8 \times (-9,1) + (6,9)^2$$

$$(4,1 - (3,5)^2) \times (-6,4)$$

Order of Operations with Decimals (F) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & (-1,9)^2 \times (3,2 - (-3,8)) \\ &= \underline{(-1,9)^2} \times 7 \\ &= \underline{3,61} \times 7 \\ &= \underline{25,27} \end{aligned}$$

$$\begin{aligned} & 1,1 - 0,3 \div \underline{(0,2)^2} \\ &= 1,1 - \underline{0,3 \div 0,04} \\ &= \underline{1,1 - 7,5} \\ &= \underline{-6,4} \end{aligned}$$

$$\begin{aligned} & (-0,9) \times 5,1 + \underline{(6,8)^2} \\ &= \underline{(-0,9) \times 5,1} + 46,24 \\ &= \underline{(-4,59) + 46,24} \\ &= \underline{41,65} \end{aligned}$$

$$\begin{aligned} & \underline{(-9,8)^2} - 2,5 \times 1,6 \\ &= 96,04 - \underline{2,5 \times 1,6} \\ &= \underline{96,04 - 4} \\ &= \underline{92,04} \end{aligned}$$

$$\begin{aligned} & (4,4 + \underline{(-3,8)^2}) \div 0,5 \\ &= \underline{(4,4 + 14,44)} \div 0,5 \\ &= \underline{18,84 \div 0,5} \\ &= \underline{37,68} \end{aligned}$$

$$\begin{aligned} & \underline{(-0,7)^2} + 4,5 \times (-3,6) \\ &= 0,49 + \underline{4,5 \times (-3,6)} \\ &= \underline{0,49 + (-16,2)} \\ &= \underline{-15,71} \end{aligned}$$

$$\begin{aligned} & \underline{(-5,2)^2} + 6,2 \times 2,5 \\ &= 27,04 + \underline{6,2 \times 2,5} \\ &= \underline{27,04 + 15,5} \\ &= \underline{42,54} \end{aligned}$$

$$\begin{aligned} & (-9,7) - 3,75 \times \underline{(1,6)^2} \\ &= (-9,7) - \underline{3,75 \times 2,56} \\ &= \underline{(-9,7) - 9,6} \\ &= \underline{-19,3} \end{aligned}$$

$$\begin{aligned} & 3,8 \times (-9,1) + \underline{(6,9)^2} \\ &= \underline{3,8 \times (-9,1)} + 47,61 \\ &= \underline{(-34,58) + 47,61} \\ &= \underline{13,03} \end{aligned}$$

$$\begin{aligned} & (4,1 - \underline{(3,5)^2}) \times (-6,4) \\ &= \underline{(4,1 - 12,25)} \times (-6,4) \\ &= \underline{(-8,15) \times (-6,4)} \\ &= \underline{52,16} \end{aligned}$$

Order of Operations with Decimals (G)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$((-4,7) + 8,1)^2 \div 0,5$$

$$(-2,3) \div 0,4 + (-6,4)^2$$

$$4,9 \div (2,2 + (-3,2))^3$$

$$(-5,6)^2 + 2,9 \times (-0,1)$$

$$(-0,1) \div (-0,5)^2 + (-5,7)$$

$$(-2,4)^2 \div (-4,8) + 7,9$$

$$(4,6)^2 \times ((-1,9) - 2,6)$$

$$(6,4)^2 - 7,4 \times 7,3$$

$$(-4,2) \times 1,4 + (-0,9)^2$$

$$((-7,4) - (-3,9)) \times (2,8)^2$$

Order of Operations with Decimals (G) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & \left(\underline{(-4,7) + 8,1} \right)^2 \div 0,5 \\ &= \underline{(3,4)^2} \div 0,5 \\ &= \underline{11,56 \div 0,5} \\ &= 23,12 \end{aligned}$$

$$\begin{aligned} & (-2,3) \div 0,4 + \underline{(-6,4)^2} \\ &= \underline{(-2,3) \div 0,4} + 40,96 \\ &= \underline{(-5,75) + 40,96} \\ &= 35,21 \end{aligned}$$

$$\begin{aligned} & 4,9 \div \left(\underline{2,2 + (-3,2)} \right)^3 \\ &= 4,9 \div \underline{(-1)^3} \\ &= \underline{4,9 \div (-1)} \\ &= -4,9 \end{aligned}$$

$$\begin{aligned} & \underline{(-5,6)^2} + 2,9 \times (-0,1) \\ &= 31,36 + \underline{2,9 \times (-0,1)} \\ &= \underline{31,36 + (-0,29)} \\ &= 31,07 \end{aligned}$$

$$\begin{aligned} & (-0,1) \div \underline{(-0,5)^2} + (-5,7) \\ &= \underline{(-0,1) \div 0,25} + (-5,7) \\ &= \underline{(-0,4) + (-5,7)} \\ &= -6,1 \end{aligned}$$

$$\begin{aligned} & \underline{(-2,4)^2} \div (-4,8) + 7,9 \\ &= \underline{5,76 \div (-4,8)} + 7,9 \\ &= \underline{(-1,2) + 7,9} \\ &= 6,7 \end{aligned}$$

$$\begin{aligned} & (4,6)^2 \times \left(\underline{(-1,9) - 2,6} \right) \\ &= \underline{(4,6)^2} \times (-4,5) \\ &= \underline{21,16 \times (-4,5)} \\ &= -95,22 \end{aligned}$$

$$\begin{aligned} & \underline{(6,4)^2} - 7,4 \times 7,3 \\ &= 40,96 - \underline{7,4 \times 7,3} \\ &= \underline{40,96 - 54,02} \\ &= -13,06 \end{aligned}$$

$$\begin{aligned} & (-4,2) \times 1,4 + \underline{(-0,9)^2} \\ &= \underline{(-4,2) \times 1,4} + 0,81 \\ &= \underline{(-5,88) + 0,81} \\ &= -5,07 \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-7,4) - (-3,9)} \right) \times (2,8)^2 \\ &= (-3,5) \times \underline{(2,8)^2} \\ &= \underline{(-3,5) \times 7,84} \\ &= -27,44 \end{aligned}$$

Order of Operations with Decimals (H)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$3,7 \times 3,8 + (-2,3)^2$$

$$((-0,5) - (-6,8))^2 \div 3,5$$

$$(0,9)^2 - (-3,9) \times (-4,5)$$

$$1,7 \times 4,5 + (-4,3)^2$$

$$(-9,3)^2 \times ((-5,8) - (-6,8))$$

$$((3,5)^2 - (-2,6)) \times 0,6$$

$$((-7,3) - (-6,9)^2) \div 3,4$$

$$((9,3)^2 + 1,6) \div (-2,3)$$

$$0,1 - (7,8)^2 \div (-7,2)$$

$$(-0,7) \div 1,25 - (3,2)^2$$

Order of Operations with Decimals (H) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & 3,7 \times 3,8 + \underline{(-2,3)^2} \\ & = \underline{3,7 \times 3,8} + 5,29 \\ & = \underline{14,06 + 5,29} \\ & = 19,35 \end{aligned}$$

$$\begin{aligned} & \underline{((-0,5) - (-6,8))^2} \div 3,5 \\ & = \underline{(6,3)^2} \div 3,5 \\ & = \underline{39,69 \div 3,5} \\ & = 11,34 \end{aligned}$$

$$\begin{aligned} & \underline{(0,9)^2} - (-3,9) \times (-4,5) \\ & = 0,81 - \underline{(-3,9) \times (-4,5)} \\ & = \underline{0,81 - 17,55} \\ & = -16,74 \end{aligned}$$

$$\begin{aligned} & 1,7 \times 4,5 + \underline{(-4,3)^2} \\ & = \underline{1,7 \times 4,5} + 18,49 \\ & = \underline{7,65 + 18,49} \\ & = 26,14 \end{aligned}$$

$$\begin{aligned} & (-9,3)^2 \times \underline{((-5,8) - (-6,8))} \\ & = \underline{(-9,3)^2} \times 1 \\ & = \underline{86,49 \times 1} \\ & = 86,49 \end{aligned}$$

$$\begin{aligned} & \underline{(3,5)^2} - (-2,6) \times 0,6 \\ & = \underline{(12,25 - (-2,6))} \times 0,6 \\ & = \underline{14,85 \times 0,6} \\ & = 8,91 \end{aligned}$$

$$\begin{aligned} & \underline{((-7,3) - (-6,9)^2)} \div 3,4 \\ & = \underline{((-7,3) - 47,61)} \div 3,4 \\ & = \underline{(-54,91) \div 3,4} \\ & = -16,15 \end{aligned}$$

$$\begin{aligned} & \underline{(9,3)^2 + 1,6} \div (-2,3) \\ & = \underline{(86,49 + 1,6)} \div (-2,3) \\ & = \underline{88,09 \div (-2,3)} \\ & = -38,3 \end{aligned}$$

$$\begin{aligned} & 0,1 - \underline{(7,8)^2} \div (-7,2) \\ & = 0,1 - \underline{60,84 \div (-7,2)} \\ & = \underline{0,1 - (-8,45)} \\ & = 8,55 \end{aligned}$$

$$\begin{aligned} & (-0,7) \div 1,25 - \underline{(3,2)^2} \\ & = \underline{(-0,7) \div 1,25} - 10,24 \\ & = \underline{(-0,56) - 10,24} \\ & = -10,8 \end{aligned}$$

Order of Operations with Decimals (I)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$3,7 \times (3,1 - 6,1)^3$$

$$(1,7)^2 - 0,2 \times (-2,7)$$

$$(6,3)^2 + (-6,5) \div (-1,3)$$

$$6,8 \times 3,4 + (-0,5)^2$$

$$(-7,6) \div (0,4)^2 + 6,9$$

$$(3,4)^2 - (-7,2) \times 7,6$$

$$(4,9)^2 - (-5,1) \times 3,8$$

$$\left((-2,9) - (-3,6)^2 \right) \div (-6,1)$$

$$2,2 \times 6,6 - (1,2)^2$$

$$(8,1)^2 - 9,9 \times 2,9$$

Order of Operations with Decimals (I) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & 3,7 \times (3,1 - 6,1)^3 \\ & = 3,7 \times (-3)^3 \\ & = 3,7 \times (-27) \\ & = -99,9 \end{aligned}$$

$$\begin{aligned} & (1,7)^2 - 0,2 \times (-2,7) \\ & = 2,89 - 0,2 \times (-2,7) \\ & = 2,89 - (-0,54) \\ & = 3,43 \end{aligned}$$

$$\begin{aligned} & (6,3)^2 + (-6,5) \div (-1,3) \\ & = 39,69 + (-6,5) \div (-1,3) \\ & = 39,69 + 5 \\ & = 44,69 \end{aligned}$$

$$\begin{aligned} & 6,8 \times 3,4 + (-0,5)^2 \\ & = 6,8 \times 3,4 + 0,25 \\ & = 23,12 + 0,25 \\ & = 23,37 \end{aligned}$$

$$\begin{aligned} & (-7,6) \div (0,4)^2 + 6,9 \\ & = (-7,6) \div 0,16 + 6,9 \\ & = (-47,5) + 6,9 \\ & = -40,6 \end{aligned}$$

$$\begin{aligned} & (3,4)^2 - (-7,2) \times 7,6 \\ & = 11,56 - (-7,2) \times 7,6 \\ & = 11,56 - (-54,72) \\ & = 66,28 \end{aligned}$$

$$\begin{aligned} & (4,9)^2 - (-5,1) \times 3,8 \\ & = 24,01 - (-5,1) \times 3,8 \\ & = 24,01 - (-19,38) \\ & = 43,39 \end{aligned}$$

$$\begin{aligned} & ((-2,9) - (-3,6)^2) \div (-6,1) \\ & = ((-2,9) - 12,96) \div (-6,1) \\ & = (-15,86) \div (-6,1) \\ & = 2,6 \end{aligned}$$

$$\begin{aligned} & 2,2 \times 6,6 - (1,2)^2 \\ & = 2,2 \times 6,6 - 1,44 \\ & = 14,52 - 1,44 \\ & = 13,08 \end{aligned}$$

$$\begin{aligned} & (8,1)^2 - 9,9 \times 2,9 \\ & = 65,61 - 9,9 \times 2,9 \\ & = 65,61 - 28,71 \\ & = 36,9 \end{aligned}$$

Order of Operations with Decimals (J)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(-8,2) \times 5,7 + (-7,9)^2$$

$$8,8 \times 0,9 - (-2,6)^2$$

$$6,7 - (-5,5)^2 \times 3,2$$

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

$$(2,9)^2 - (-0,1) \times (-7,6)$$

$$(0,7)^2 + 5,4 \times (-9,8)$$

$$0,6 \times 7,5 + (-0,8)^2$$

$$(-1,3) \times 2,8 - (6,1)^2$$

$$(2,4)^2 - 8,2 \times (-6,1)$$

$$(-8,4)^2 \div 6,3 - (-2,4)$$

Order of Operations with Decimals (J) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} &(-8,2) \times 5,7 + \underline{(-7,9)^2} \\ &= \underline{(-8,2) \times 5,7} + 62,41 \\ &= \underline{(-46,74) + 62,41} \\ &= 15,67 \end{aligned}$$

$$\begin{aligned} &8,8 \times 0,9 - \underline{(-2,6)^2} \\ &= \underline{8,8 \times 0,9} - 6,76 \\ &= \underline{7,92 - 6,76} \\ &= 1,16 \end{aligned}$$

$$\begin{aligned} &6,7 - \underline{(-5,5)^2} \times 3,2 \\ &= 6,7 - \underline{30,25 \times 3,2} \\ &= \underline{6,7 - 96,8} \\ &= -90,1 \end{aligned}$$

$$\begin{aligned} &\underline{(2,9)^2} + 8,3 \times 6,6 \\ &= 8,41 + \underline{8,3 \times 6,6} \\ &= \underline{8,41 + 54,78} \\ &= 63,19 \end{aligned}$$

$$\begin{aligned} &\underline{(2,9)^2} - (-0,1) \times (-7,6) \\ &= 8,41 - \underline{(-0,1) \times (-7,6)} \\ &= \underline{8,41 - 0,76} \\ &= 7,65 \end{aligned}$$

$$\begin{aligned} &\underline{(0,7)^2} + 5,4 \times (-9,8) \\ &= 0,49 + \underline{5,4 \times (-9,8)} \\ &= \underline{0,49 + (-52,92)} \\ &= -52,43 \end{aligned}$$

$$\begin{aligned} &0,6 \times 7,5 + \underline{(-0,8)^2} \\ &= \underline{0,6 \times 7,5} + 0,64 \\ &= \underline{4,5 + 0,64} \\ &= 5,14 \end{aligned}$$

$$\begin{aligned} &(-1,3) \times 2,8 - \underline{(6,1)^2} \\ &= \underline{(-1,3) \times 2,8} - 37,21 \\ &= \underline{(-3,64) - 37,21} \\ &= -40,85 \end{aligned}$$

$$\begin{aligned} &\underline{(2,4)^2} - 8,2 \times (-6,1) \\ &= 5,76 - \underline{8,2 \times (-6,1)} \\ &= \underline{5,76 - (-50,02)} \\ &= 55,78 \end{aligned}$$

$$\begin{aligned} &\underline{(-8,4)^2} \div 6,3 - (-2,4) \\ &= \underline{70,56 \div 6,3} - (-2,4) \\ &= \underline{11,2 - (-2,4)} \\ &= 13,6 \end{aligned}$$