

Order of Operations with Decimals (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

$$5,9 - (1,4)^2$$

$$7,5 + (7,2)^2$$

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

$$6,2 + (6,4)^2$$

$$5,5 \div (2,5)^2$$

$$6,6 \times 4,3 + 7,6$$

$$(4,8)^2 - 2,5$$

$$(3,75 + 7,8) \times 4,8$$

$$1,4 + (7,8)^2$$

Order of Operations with Decimals (A) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} &1,6 \times (1,7 + 2,5) \\ &= \underline{1,6 \times 4,2} \\ &= 6,72 \end{aligned}$$

$$\begin{aligned} &5,9 - (1,4)^2 \\ &= \underline{5,9 - 1,96} \\ &= 3,94 \end{aligned}$$

$$\begin{aligned} &7,5 + (7,2)^2 \\ &= \underline{7,5 + 51,84} \\ &= 59,34 \end{aligned}$$

$$\begin{aligned} &9,4 \times (5,4 - 1,8) \\ &= \underline{9,4 \times 3,6} \\ &= 33,84 \end{aligned}$$

$$\begin{aligned} &6,2 + (6,4)^2 \\ &= \underline{6,2 + 40,96} \\ &= 47,16 \end{aligned}$$

$$\begin{aligned} &5,5 \div (2,5)^2 \\ &= \underline{5,5 \div 6,25} \\ &= 0,88 \end{aligned}$$

$$\begin{aligned} &\underline{6,6 \times 4,3} + 7,6 \\ &= \underline{28,38 + 7,6} \\ &= 35,98 \end{aligned}$$

$$\begin{aligned} &\underline{(4,8)^2} - 2,5 \\ &= \underline{23,04 - 2,5} \\ &= 20,54 \end{aligned}$$

$$\begin{aligned} &\underline{(3,75 + 7,8)} \times 4,8 \\ &= \underline{11,55 \times 4,8} \\ &= 55,44 \end{aligned}$$

$$\begin{aligned} &1,4 + \underline{(7,8)^2} \\ &= \underline{1,4 + 60,84} \\ &= 62,24 \end{aligned}$$

Order of Operations with Decimals (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(8,6 - 6,9) \times 3,3$$

$$6,7 + (8,3)^2$$

$$3,2 \times 9,7 - 5,6$$

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

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

$$(8,7)^2 - 8,2$$

$$(1,6)^2 \times 1,5$$

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

$$3,2 \times 6,4 + 6,7$$

$$6,7 + 6,6 \times 8,7$$

Order of Operations with Decimals (B) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{(8,6 - 6,9)} \times 3,3 \\ & = \underline{1,7 \times 3,3} \\ & = 5,61 \end{aligned}$$

$$\begin{aligned} & 6,7 + \underline{(8,3)^2} \\ & = \underline{6,7 + 68,89} \\ & = 75,59 \end{aligned}$$

$$\begin{aligned} & \underline{3,2 \times 9,7} - 5,6 \\ & = \underline{31,04 - 5,6} \\ & = 25,44 \end{aligned}$$

$$\begin{aligned} & 7,6 \times \underline{(2,8 + 2,2)} \\ & = \underline{7,6 \times 5} \\ & = 38 \end{aligned}$$

$$\begin{aligned} & \underline{(1,6)^2} \times 8,5 \\ & = \underline{2,56 \times 8,5} \\ & = 21,76 \end{aligned}$$

$$\begin{aligned} & \underline{(8,7)^2} - 8,2 \\ & = \underline{75,69 - 8,2} \\ & = 67,49 \end{aligned}$$

$$\begin{aligned} & \underline{(1,6)^2} \times 1,5 \\ & = \underline{2,56 \times 1,5} \\ & = 3,84 \end{aligned}$$

$$\begin{aligned} & \underline{(6,7)^2} - 8,5 \\ & = \underline{44,89 - 8,5} \\ & = 36,39 \end{aligned}$$

$$\begin{aligned} & \underline{3,2 \times 6,4} + 6,7 \\ & = \underline{20,48 + 6,7} \\ & = 27,18 \end{aligned}$$

$$\begin{aligned} & 6,7 + \underline{6,6 \times 8,7} \\ & = \underline{6,7 + 57,42} \\ & = 64,12 \end{aligned}$$

Order of Operations with Decimals (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$1,9 \times (1,4 + 7,9)$$

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

$$(2,6)^2 - 3,4$$

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

$$4,4 + (7,9)^2$$

$$(1,4 - 1,4) \div 2,7$$

$$(1,4 + 4,1) \times 2,6$$

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

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

$$1,1 \times (6,1 + 3,6)$$

Order of Operations with Decimals (C) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 1,9 \times (1,4 + 7,9) \\ & = \underline{1,9 \times 9,3} \\ & = 17,67 \end{aligned}$$

$$\begin{aligned} & \underline{(5,6)^2} - 7,8 \\ & = \underline{31,36 - 7,8} \\ & = 23,56 \end{aligned}$$

$$\begin{aligned} & \underline{(2,6)^2} - 3,4 \\ & = \underline{6,76 - 3,4} \\ & = 3,36 \end{aligned}$$

$$\begin{aligned} & \underline{(8,3 - 1,2)} \times 9,1 \\ & = \underline{7,1 \times 9,1} \\ & = 64,61 \end{aligned}$$

$$\begin{aligned} & 4,4 + \underline{(7,9)^2} \\ & = \underline{4,4 + 62,41} \\ & = 66,81 \end{aligned}$$

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

$$\begin{aligned} & \underline{(1,4 + 4,1)} \times 2,6 \\ & = \underline{5,5 \times 2,6} \\ & = 14,3 \end{aligned}$$

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

$$\begin{aligned} & 9,1 \times \underline{(1,9 - 1,4)} \\ & = \underline{9,1 \times 0,5} \\ & = 4,55 \end{aligned}$$

$$\begin{aligned} & 1,1 \times \underline{(6,1 + 3,6)} \\ & = \underline{1,1 \times 9,7} \\ & = 10,67 \end{aligned}$$

Order of Operations with Decimals (D)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$9,8 + (9,3)^2$$

$$(5,4)^2 \div 7,2$$

$$5,6 \times 2,2 - 5,3$$

$$5,5 + 9,6 \times 2,5$$

$$7,7 + (6,9)^2$$

$$6,9 + (2,5)^2$$

$$2,7 + (1,5)^2$$

$$6,5 + (1,4)^2$$

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

$$(4,2)^2 - 7,8$$

Order of Operations with Decimals (D) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 9,8 + \underline{(9,3)^2} \\ & = \underline{9,8 + 86,49} \\ & = 96,29 \end{aligned}$$

$$\begin{aligned} & \underline{(5,4)^2} \div 7,2 \\ & = \underline{29,16 \div 7,2} \\ & = 4,05 \end{aligned}$$

$$\begin{aligned} & \underline{5,6 \times 2,2} - 5,3 \\ & = \underline{12,32 - 5,3} \\ & = 7,02 \end{aligned}$$

$$\begin{aligned} & 5,5 + \underline{9,6 \times 2,5} \\ & = \underline{5,5 + 24} \\ & = 29,5 \end{aligned}$$

$$\begin{aligned} & 7,7 + \underline{(6,9)^2} \\ & = \underline{7,7 + 47,61} \\ & = 55,31 \end{aligned}$$

$$\begin{aligned} & 6,9 + \underline{(2,5)^2} \\ & = \underline{6,9 + 6,25} \\ & = 13,15 \end{aligned}$$

$$\begin{aligned} & 2,7 + \underline{(1,5)^2} \\ & = \underline{2,7 + 2,25} \\ & = 4,95 \end{aligned}$$

$$\begin{aligned} & 6,5 + \underline{(1,4)^2} \\ & = \underline{6,5 + 1,96} \\ & = 8,46 \end{aligned}$$

$$\begin{aligned} & 2,8 \times \underline{(9,3 + 2,6)} \\ & = \underline{2,8 \times 11,9} \\ & = 33,32 \end{aligned}$$

$$\begin{aligned} & \underline{(4,2)^2} - 7,8 \\ & = \underline{17,64 - 7,8} \\ & = 9,84 \end{aligned}$$

Order of Operations with Decimals (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$7,9 - 1,9 \times 2,2$$

$$(8,6 + 1,4) \times 5,6$$

$$4,1 + 8,7 \times 3,8$$

$$2,9 \times 4,8 + 7,1$$

$$8,2 \times (1,1 + 5,3)$$

$$3,3 + (7,4)^2$$

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

$$9,1 + (7,2)^2$$

$$(8,7 - 2,5) \times 4,8$$

$$4,6 \times 1,1 + 1,8$$

Order of Operations with Decimals (E) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned}7,9 - \underline{1,9 \times 2,2} \\ = \underline{7,9 - 4,18} \\ = 3,72\end{aligned}$$

$$\begin{aligned}(\underline{8,6 + 1,4}) \times 5,6 \\ = \underline{10 \times 5,6} \\ = 56\end{aligned}$$

$$\begin{aligned}4,1 + \underline{8,7 \times 3,8} \\ = \underline{4,1 + 33,06} \\ = 37,16\end{aligned}$$

$$\begin{aligned}\underline{2,9 \times 4,8} + 7,1 \\ = \underline{13,92 + 7,1} \\ = 21,02\end{aligned}$$

$$\begin{aligned}8,2 \times (\underline{1,1 + 5,3}) \\ = \underline{8,2 \times 6,4} \\ = 52,48\end{aligned}$$

$$\begin{aligned}3,3 + \underline{(7,4)^2} \\ = \underline{3,3 + 54,76} \\ = 58,06\end{aligned}$$

$$\begin{aligned}(\underline{6,5 + 7,6}) \times 4,7 \\ = \underline{14,1 \times 4,7} \\ = 66,27\end{aligned}$$

$$\begin{aligned}9,1 + \underline{(7,2)^2} \\ = \underline{9,1 + 51,84} \\ = 60,94\end{aligned}$$

$$\begin{aligned}(\underline{8,7 - 2,5}) \times 4,8 \\ = \underline{6,2 \times 4,8} \\ = 29,76\end{aligned}$$

$$\begin{aligned}\underline{4,6 \times 1,1} + 1,8 \\ = \underline{5,06 + 1,8} \\ = 6,86\end{aligned}$$

Order of Operations with Decimals (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$8,7 + (4,7)^2$$

$$(8,5)^2 + 6,2$$

$$2,6 \times (3,6 + 1,1)$$

$$2,5 \times (2,8)^2$$

$$(2,5)^2 - 4,5$$

$$4,5 \times 8,8 - 8,9$$

$$(8,5)^2 + 2,9$$

$$(4,5)^2 - 2,2$$

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

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

Order of Operations with Decimals (F) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 8,7 + \underline{(4,7)^2} \\ & = \underline{8,7 + 22,09} \\ & = 30,79 \end{aligned}$$

$$\begin{aligned} & \underline{(8,5)^2} + 6,2 \\ & = \underline{72,25 + 6,2} \\ & = 78,45 \end{aligned}$$

$$\begin{aligned} & 2,6 \times \underline{(3,6 + 1,1)} \\ & = \underline{2,6 \times 4,7} \\ & = 12,22 \end{aligned}$$

$$\begin{aligned} & 2,5 \times \underline{(2,8)^2} \\ & = \underline{2,5 \times 7,84} \\ & = 19,6 \end{aligned}$$

$$\begin{aligned} & \underline{(2,5)^2} - 4,5 \\ & = \underline{6,25 - 4,5} \\ & = 1,75 \end{aligned}$$

$$\begin{aligned} & \underline{4,5 \times 8,8} - 8,9 \\ & = \underline{39,6 - 8,9} \\ & = 30,7 \end{aligned}$$

$$\begin{aligned} & \underline{(8,5)^2} + 2,9 \\ & = \underline{72,25 + 2,9} \\ & = 75,15 \end{aligned}$$

$$\begin{aligned} & \underline{(4,5)^2} - 2,2 \\ & = \underline{20,25 - 2,2} \\ & = 18,05 \end{aligned}$$

$$\begin{aligned} & 6,3 \times \underline{(2,2 + 6,8)} \\ & = \underline{6,3 \times 9} \\ & = 56,7 \end{aligned}$$

$$\begin{aligned} & 2,8 \times \underline{(6,3 + 8,5)} \\ & = \underline{2,8 \times 14,8} \\ & = 41,44 \end{aligned}$$

Order of Operations with Decimals (G)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$1,25 \times (2,4)^2$$

$$2,3 \times 2,7 - 5,1$$

$$8,5 + (1,7)^2$$

$$2,3 \times 4,6 + 6,4$$

$$1,7 + (8,5)^2$$

$$(2,8)^2 \times 9,5$$

$$(1,7)^2 + 7,5$$

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

$$5,4 \times 8,6 + 4,3$$

$$7,1 \times 3,9 + 8,5$$

Order of Operations with Decimals (G) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} &1,25 \times (2,4)^2 \\ &= \underline{1,25 \times 5,76} \\ &= 7,2 \end{aligned}$$

$$\begin{aligned} &\underline{2,3 \times 2,7} - 5,1 \\ &= \underline{6,21 - 5,1} \\ &= 1,11 \end{aligned}$$

$$\begin{aligned} &8,5 + (1,7)^2 \\ &= \underline{8,5 + 2,89} \\ &= 11,39 \end{aligned}$$

$$\begin{aligned} &\underline{2,3 \times 4,6} + 6,4 \\ &= \underline{10,58 + 6,4} \\ &= 16,98 \end{aligned}$$

$$\begin{aligned} &1,7 + (8,5)^2 \\ &= \underline{1,7 + 72,25} \\ &= 73,95 \end{aligned}$$

$$\begin{aligned} &(2,8)^2 \times 9,5 \\ &= \underline{7,84 \times 9,5} \\ &= 74,48 \end{aligned}$$

$$\begin{aligned} &\underline{(1,7)^2} + 7,5 \\ &= \underline{2,89 + 7,5} \\ &= 10,39 \end{aligned}$$

$$\begin{aligned} &\underline{(4,5)^2} - 6,6 \\ &= \underline{20,25 - 6,6} \\ &= 13,65 \end{aligned}$$

$$\begin{aligned} &\underline{5,4 \times 8,6} + 4,3 \\ &= \underline{46,44 + 4,3} \\ &= 50,74 \end{aligned}$$

$$\begin{aligned} &\underline{7,1 \times 3,9} + 8,5 \\ &= \underline{27,69 + 8,5} \\ &= 36,19 \end{aligned}$$

Order of Operations with Decimals (H)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$2,5 + 3,2 \times 4,6$$

$$(7,5)^2 + 7,9$$

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

$$6,9 \times (7,5 + 1,8)$$

$$(5,8)^2 - 7,9$$

$$1,4 \times 3,4 - 2,5$$

$$(9,4)^2 + 1,6$$

$$6,9 + 9,4 \times 2,8$$

$$3,75 + 2,1 \times 4,8$$

$$(6,6)^2 \div 3,3$$

Order of Operations with Decimals (H) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} &2,5 + \underline{3,2 \times 4,6} \\ &= \underline{2,5 + 14,72} \\ &= 17,22 \end{aligned}$$

$$\begin{aligned} &\underline{(7,5)^2} + 7,9 \\ &= \underline{56,25 + 7,9} \\ &= 64,15 \end{aligned}$$

$$\begin{aligned} &\underline{(4,9 + 6,3)} \times 4,2 \\ &= \underline{11,2 \times 4,2} \\ &= 47,04 \end{aligned}$$

$$\begin{aligned} &6,9 \times \underline{(7,5 + 1,8)} \\ &= \underline{6,9 \times 9,3} \\ &= 64,17 \end{aligned}$$

$$\begin{aligned} &\underline{(5,8)^2} - 7,9 \\ &= \underline{33,64 - 7,9} \\ &= 25,74 \end{aligned}$$

$$\begin{aligned} &\underline{1,4 \times 3,4} - 2,5 \\ &= \underline{4,76 - 2,5} \\ &= 2,26 \end{aligned}$$

$$\begin{aligned} &\underline{(9,4)^2} + 1,6 \\ &= \underline{88,36 + 1,6} \\ &= 89,96 \end{aligned}$$

$$\begin{aligned} &6,9 + \underline{9,4 \times 2,8} \\ &= \underline{6,9 + 26,32} \\ &= 33,22 \end{aligned}$$

$$\begin{aligned} &3,75 + \underline{2,1 \times 4,8} \\ &= \underline{3,75 + 10,08} \\ &= 13,83 \end{aligned}$$

$$\begin{aligned} &\underline{(6,6)^2} \div 3,3 \\ &= \underline{43,56 \div 3,3} \\ &= 13,2 \end{aligned}$$

Order of Operations with Decimals (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(4,1)^2 + 5,9$$

$$6,8 \times 6,2 + 7,3$$

$$8,5 + 4,6 \times 1,8$$

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

$$(3,6)^2 \times 3,75$$

$$8,4 \div (4,8 - 1,8)$$

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

$$4,4 \times (5,6 + 1,6)$$

$$7,2 - (1,4)^2$$

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

Order of Operations with Decimals (I) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{(4,1)^2} + 5,9 \\ & = \underline{16,81 + 5,9} \\ & = 22,71 \end{aligned}$$

$$\begin{aligned} & \underline{6,8 \times 6,2} + 7,3 \\ & = \underline{42,16 + 7,3} \\ & = 49,46 \end{aligned}$$

$$\begin{aligned} & 8,5 + \underline{4,6 \times 1,8} \\ & = \underline{8,5 + 8,28} \\ & = 16,78 \end{aligned}$$

$$\begin{aligned} & \underline{(8,3 + 5,4)} \times 6,9 \\ & = \underline{13,7 \times 6,9} \\ & = 94,53 \end{aligned}$$

$$\begin{aligned} & \underline{(3,6)^2} \times 3,75 \\ & = \underline{12,96 \times 3,75} \\ & = 48,6 \end{aligned}$$

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

$$\begin{aligned} & 4,2 \times \underline{(2,1 + 7,9)} \\ & = \underline{4,2 \times 10} \\ & = 42 \end{aligned}$$

$$\begin{aligned} & 4,4 \times \underline{(5,6 + 1,6)} \\ & = \underline{4,4 \times 7,2} \\ & = 31,68 \end{aligned}$$

$$\begin{aligned} & 7,2 - \underline{(1,4)^2} \\ & = \underline{7,2 - 1,96} \\ & = 5,24 \end{aligned}$$

$$\begin{aligned} & \underline{(4,8 + 9,4)} \times 3,9 \\ & = \underline{14,2 \times 3,9} \\ & = 55,38 \end{aligned}$$

Order of Operations with Decimals (J)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

$$8,5 + (1,8)^2$$

$$(6,8)^2 + 3,2$$

$$9,4 \times 1,6 + 3,5$$

$$5,1 \times (8,7 + 2,1)$$

$$(8,8)^2 + 3,6$$

$$8,4 + (1,4)^2$$

$$(3,2)^2 - 3,1$$

$$(4,2)^2 - 2,2$$

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

Order of Operations with Decimals (J) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{(9,9)^2} - 1,8 \\ & = \underline{98,01 - 1,8} \\ & = 96,21 \end{aligned}$$

$$\begin{aligned} & 8,5 + \underline{(1,8)^2} \\ & = \underline{8,5 + 3,24} \\ & = 11,74 \end{aligned}$$

$$\begin{aligned} & \underline{(6,8)^2} + 3,2 \\ & = \underline{46,24 + 3,2} \\ & = 49,44 \end{aligned}$$

$$\begin{aligned} & \underline{9,4 \times 1,6} + 3,5 \\ & = \underline{15,04 + 3,5} \\ & = 18,54 \end{aligned}$$

$$\begin{aligned} & 5,1 \times \underline{(8,7 + 2,1)} \\ & = \underline{5,1 \times 10,8} \\ & = 55,08 \end{aligned}$$

$$\begin{aligned} & \underline{(8,8)^2} + 3,6 \\ & = \underline{77,44 + 3,6} \\ & = 81,04 \end{aligned}$$

$$\begin{aligned} & 8,4 + \underline{(1,4)^2} \\ & = \underline{8,4 + 1,96} \\ & = 10,36 \end{aligned}$$

$$\begin{aligned} & \underline{(3,2)^2} - 3,1 \\ & = \underline{10,24 - 3,1} \\ & = 7,14 \end{aligned}$$

$$\begin{aligned} & \underline{(4,2)^2} - 2,2 \\ & = \underline{17,64 - 2,2} \\ & = 15,44 \end{aligned}$$

$$\begin{aligned} & \underline{(1,8)^2} \times 4,5 \\ & = \underline{3,24 \times 4,5} \\ & = 14,58 \end{aligned}$$