

Order of Operations with Decimals (A)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

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

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

$$(6,3)^2 + 1,9 \times 5,3$$

$$(2,8)^2 \div 1,6 + 8,7$$

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

$$(8,1)^2 + 6,7 \times 3,7$$

$$(3,6)^2 + 1,7 \times 5,1$$

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

$$(7,1)^2 - 3,8 \times 1,8$$

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

Order of Operations with Decimals (A) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & \underline{(7,1)^2} - 6,7 \times 3,1 \\ & = 50,41 - \underline{6,7 \times 3,1} \\ & = \underline{50,41 - 20,77} \\ & = 29,64 \end{aligned}$$

$$\begin{aligned} & (9,5)^2 \div \underline{(5,6 - 4,6)} \\ & = \underline{(9,5)^2} \div 1 \\ & = \underline{90,25 \div 1} \\ & = 90,25 \end{aligned}$$

$$\begin{aligned} & \underline{(6,3)^2} + 1,9 \times 5,3 \\ & = 39,69 + \underline{1,9 \times 5,3} \\ & = \underline{39,69 + 10,07} \\ & = 49,76 \end{aligned}$$

$$\begin{aligned} & \underline{(2,8)^2} \div 1,6 + 8,7 \\ & = \underline{7,84 \div 1,6} + 8,7 \\ & = \underline{4,9 + 8,7} \\ & = 13,6 \end{aligned}$$

$$\begin{aligned} & 4,2 \times 6,9 - \underline{(2,9)^2} \\ & = \underline{4,2 \times 6,9} - 8,41 \\ & = \underline{28,98 - 8,41} \\ & = 20,57 \end{aligned}$$

$$\begin{aligned} & \underline{(8,1)^2} + 6,7 \times 3,7 \\ & = 65,61 + \underline{6,7 \times 3,7} \\ & = \underline{65,61 + 24,79} \\ & = 90,4 \end{aligned}$$

$$\begin{aligned} & \underline{(3,6)^2} + 1,7 \times 5,1 \\ & = 12,96 + \underline{1,7 \times 5,1} \\ & = \underline{12,96 + 8,67} \\ & = 21,63 \end{aligned}$$

$$\begin{aligned} & 7,5 \times 4,6 - \underline{(2,8)^2} \\ & = \underline{7,5 \times 4,6} - 7,84 \\ & = \underline{34,5 - 7,84} \\ & = 26,66 \end{aligned}$$

$$\begin{aligned} & \underline{(7,1)^2} - 3,8 \times 1,8 \\ & = 50,41 - \underline{3,8 \times 1,8} \\ & = \underline{50,41 - 6,84} \\ & = 43,57 \end{aligned}$$

$$\begin{aligned} & 3,3 \times 5,7 + \underline{(2,9)^2} \\ & = \underline{3,3 \times 5,7} + 8,41 \\ & = \underline{18,81 + 8,41} \\ & = 27,22 \end{aligned}$$

Order of Operations with Decimals (B)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

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

$$(8,5)^2 - 7,2 \div 1,6$$

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

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

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

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

$$6,8 \times 3,5 + (4,1)^2$$

$$9,5 \times 5,3 + (1,6)^2$$

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

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

Order of Operations with Decimals (B) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & \underline{(1,3)^2} + 3,5 \times 8,1 \\ & = 1,69 + \underline{3,5 \times 8,1} \\ & = \underline{1,69 + 28,35} \\ & = 30,04 \end{aligned}$$

$$\begin{aligned} & \underline{(8,5)^2} - 7,2 \div 1,6 \\ & = 72,25 - \underline{7,2 \div 1,6} \\ & = \underline{72,25 - 4,5} \\ & = 67,75 \end{aligned}$$

$$\begin{aligned} & 2,7 \times 4,6 + \underline{(5,2)^2} \\ & = \underline{2,7 \times 4,6} + 27,04 \\ & = \underline{12,42 + 27,04} \\ & = 39,46 \end{aligned}$$

$$\begin{aligned} & \underline{(8,9)^2} + 1,9 \times 2,5 \\ & = 79,21 + \underline{1,9 \times 2,5} \\ & = \underline{79,21 + 4,75} \\ & = 83,96 \end{aligned}$$

$$\begin{aligned} & 6,2 \times \left(\underline{(2,5)^2} - 1,3 \right) \\ & = 6,2 \times \underline{(6,25 - 1,3)} \\ & = \underline{6,2 \times 4,95} \\ & = 30,69 \end{aligned}$$

$$\begin{aligned} & \underline{(7,2)^2} - 1,4 \div 2,5 \\ & = 51,84 - \underline{1,4 \div 2,5} \\ & = \underline{51,84 - 0,56} \\ & = 51,28 \end{aligned}$$

$$\begin{aligned} & 6,8 \times 3,5 + \underline{(4,1)^2} \\ & = \underline{6,8 \times 3,5} + 16,81 \\ & = \underline{23,8 + 16,81} \\ & = 40,61 \end{aligned}$$

$$\begin{aligned} & 9,5 \times 5,3 + \underline{(1,6)^2} \\ & = \underline{9,5 \times 5,3} + 2,56 \\ & = \underline{50,35 + 2,56} \\ & = 52,91 \end{aligned}$$

$$\begin{aligned} & 8,2 \times 5,5 + \underline{(3,9)^2} \\ & = \underline{8,2 \times 5,5} + 15,21 \\ & = \underline{45,1 + 15,21} \\ & = 60,31 \end{aligned}$$

$$\begin{aligned} & 2,8 \times 3,3 + \underline{(3,6)^2} \\ & = \underline{2,8 \times 3,3} + 12,96 \\ & = \underline{9,24 + 12,96} \\ & = 22,2 \end{aligned}$$

Order of Operations with Decimals (C)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

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

$$(1,6)^2 + 1,7 \times 9,5$$

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

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

$$(8,3)^2 + 5,4 \times 4,7$$

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

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

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

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

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

Order of Operations with Decimals (C) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & (8,6 - (2,5)^2) \times 7,4 \\ &= (8,6 - 6,25) \times 7,4 \\ &= 2,35 \times 7,4 \\ &= 17,39 \end{aligned}$$

$$\begin{aligned} & (1,6)^2 + 1,7 \times 9,5 \\ &= 2,56 + 1,7 \times 9,5 \\ &= 2,56 + 16,15 \\ &= 18,71 \end{aligned}$$

$$\begin{aligned} & (2,3)^2 + 5,3 \times 8,6 \\ &= 5,29 + 5,3 \times 8,6 \\ &= 5,29 + 45,58 \\ &= 50,87 \end{aligned}$$

$$\begin{aligned} & 4,5 \times 3,7 + (7,1)^2 \\ &= 4,5 \times 3,7 + 50,41 \\ &= 16,65 + 50,41 \\ &= 67,06 \end{aligned}$$

$$\begin{aligned} & (8,3)^2 + 5,4 \times 4,7 \\ &= 68,89 + 5,4 \times 4,7 \\ &= 68,89 + 25,38 \\ &= 94,27 \end{aligned}$$

$$\begin{aligned} & (2,2 + (2,5)^2) \times 3,4 \\ &= (2,2 + 6,25) \times 3,4 \\ &= 8,45 \times 3,4 \\ &= 28,73 \end{aligned}$$

$$\begin{aligned} & 3,9 \times 6,6 + (2,6)^2 \\ &= 3,9 \times 6,6 + 6,76 \\ &= 25,74 + 6,76 \\ &= 32,5 \end{aligned}$$

$$\begin{aligned} & 6,3 \times 4,4 + (2,1)^2 \\ &= 6,3 \times 4,4 + 4,41 \\ &= 27,72 + 4,41 \\ &= 32,13 \end{aligned}$$

$$\begin{aligned} & (4,8)^2 + 1,4 \times 6,6 \\ &= 23,04 + 1,4 \times 6,6 \\ &= 23,04 + 9,24 \\ &= 32,28 \end{aligned}$$

$$\begin{aligned} & (5,4)^2 - 2,9 \times 5,8 \\ &= 29,16 - 2,9 \times 5,8 \\ &= 29,16 - 16,82 \\ &= 12,34 \end{aligned}$$

Order of Operations with Decimals (D)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

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

$$(7,8 + (5,6)^2) \div 4,4$$

$$6,8 \times (8,9 - 7,9)^3$$

$$(2,9)^2 + 1,3 \div 2,5$$

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

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

$$2,4 \times 8,4 + (2,2)^2$$

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

$$(1,4)^2 \div 9,8 + 7,7$$

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

Order of Operations with Decimals (D) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} &6,4 \times 9,7 + (2,8)^2 \\ &= \underline{6,4 \times 9,7} + 7,84 \\ &= \underline{62,08 + 7,84} \\ &= 69,92 \end{aligned}$$

$$\begin{aligned} &(7,8 + (5,6)^2) \div 4,4 \\ &= \underline{(7,8 + 31,36)} \div 4,4 \\ &= \underline{39,16 \div 4,4} \\ &= 8,9 \end{aligned}$$

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

$$\begin{aligned} &\underline{(2,9)^2} + 1,3 \div 2,5 \\ &= 8,41 + \underline{1,3 \div 2,5} \\ &= \underline{8,41 + 0,52} \\ &= 8,93 \end{aligned}$$

$$\begin{aligned} &\underline{(8,8)^2} - 7,2 \div 4,5 \\ &= 77,44 - \underline{7,2 \div 4,5} \\ &= \underline{77,44 - 1,6} \\ &= 75,84 \end{aligned}$$

$$\begin{aligned} &1,7 \times 2,8 - \underline{(1,8)^2} \\ &= \underline{1,7 \times 2,8} - 3,24 \\ &= \underline{4,76 - 3,24} \\ &= 1,52 \end{aligned}$$

$$\begin{aligned} &2,4 \times 8,4 + \underline{(2,2)^2} \\ &= \underline{2,4 \times 8,4} + 4,84 \\ &= \underline{20,16 + 4,84} \\ &= 25 \end{aligned}$$

$$\begin{aligned} &\underline{(8,8)^2} - 5,4 \times 5,5 \\ &= 77,44 - \underline{5,4 \times 5,5} \\ &= \underline{77,44 - 29,7} \\ &= 47,74 \end{aligned}$$

$$\begin{aligned} &\underline{(1,4)^2} \div 9,8 + 7,7 \\ &= \underline{1,96 \div 9,8} + 7,7 \\ &= \underline{0,2 + 7,7} \\ &= 7,9 \end{aligned}$$

$$\begin{aligned} &6,4 \times 3,5 + \underline{(8,2)^2} \\ &= \underline{6,4 \times 3,5} + 67,24 \\ &= \underline{22,4 + 67,24} \\ &= 89,64 \end{aligned}$$

Order of Operations with Decimals (E)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

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

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

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

$$(5,1 - 4,6) \times (6,8)^2$$

$$(2,4)^2 + 3,9 \times 7,6$$

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

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

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

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

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

Order of Operations with Decimals (E) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned}8,3 + 2,5 \times (2,2)^2 \\&= 8,3 + 2,5 \times 4,84 \\&= 8,3 + 12,1 \\&= 20,4\end{aligned}$$

$$\begin{aligned}(5,4)^2 - 7,1 \times 3,1 \\&= 29,16 - 7,1 \times 3,1 \\&= 29,16 - 22,01 \\&= 7,15\end{aligned}$$

$$\begin{aligned}1,1 + (2,8)^2 \times 4,5 \\&= 1,1 + 7,84 \times 4,5 \\&= 1,1 + 35,28 \\&= 36,38\end{aligned}$$

$$\begin{aligned}(5,1 - 4,6) \times (6,8)^2 \\&= 0,5 \times (6,8)^2 \\&= 0,5 \times 46,24 \\&= 23,12\end{aligned}$$

$$\begin{aligned}(2,4)^2 + 3,9 \times 7,6 \\&= 5,76 + 3,9 \times 7,6 \\&= 5,76 + 29,64 \\&= 35,4\end{aligned}$$

$$\begin{aligned}(7,5)^2 - 2,5 \times 1,9 \\&= 56,25 - 2,5 \times 1,9 \\&= 56,25 - 4,75 \\&= 51,5\end{aligned}$$

$$\begin{aligned}9,2 \times 6,5 + (5,7)^2 \\&= 9,2 \times 6,5 + 32,49 \\&= 59,8 + 32,49 \\&= 92,29\end{aligned}$$

$$\begin{aligned}(2,7)^2 + 5,2 \times 6,1 \\&= 7,29 + 5,2 \times 6,1 \\&= 7,29 + 31,72 \\&= 39,01\end{aligned}$$

$$\begin{aligned}(1,5)^2 \times 3,4 + 2,6 \\&= 2,25 \times 3,4 + 2,6 \\&= 7,65 + 2,6 \\&= 10,25\end{aligned}$$

$$\begin{aligned}6,8 + (2,5)^2 \times 1,8 \\&= 6,8 + 6,25 \times 1,8 \\&= 6,8 + 11,25 \\&= 18,05\end{aligned}$$

Order of Operations with Decimals (F)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

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

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

$$9,6 \times 4,5 + (3,4)^2$$

$$(9,1 - (1,6)^2) \times 3,5$$

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

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

$$8,5 \times (1,6)^2 + 2,4$$

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

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

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

Order of Operations with Decimals (F) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & 9,3 \times 1,3 - (1,6)^2 \\ & = \underline{9,3 \times 1,3} - 2,56 \\ & = \underline{12,09 - 2,56} \\ & = 9,53 \end{aligned}$$

$$\begin{aligned} & 2,5 \times 2,7 + (2,4)^2 \\ & = \underline{2,5 \times 2,7} + 5,76 \\ & = \underline{6,75 + 5,76} \\ & = 12,51 \end{aligned}$$

$$\begin{aligned} & 9,6 \times 4,5 + (3,4)^2 \\ & = \underline{9,6 \times 4,5} + 11,56 \\ & = \underline{43,2 + 11,56} \\ & = 54,76 \end{aligned}$$

$$\begin{aligned} & (9,1 - (1,6)^2) \times 3,5 \\ & = \underline{(9,1 - 2,56)} \times 3,5 \\ & = \underline{6,54 \times 3,5} \\ & = 22,89 \end{aligned}$$

$$\begin{aligned} & 8,4 \times 8,5 - (2,2)^2 \\ & = \underline{8,4 \times 8,5} - 4,84 \\ & = \underline{71,4 - 4,84} \\ & = 66,56 \end{aligned}$$

$$\begin{aligned} & (5,9)^2 - 2,4 \times 4,7 \\ & = 34,81 - \underline{2,4 \times 4,7} \\ & = \underline{34,81 - 11,28} \\ & = 23,53 \end{aligned}$$

$$\begin{aligned} & 8,5 \times (1,6)^2 + 2,4 \\ & = \underline{8,5 \times 2,56} + 2,4 \\ & = \underline{21,76 + 2,4} \\ & = 24,16 \end{aligned}$$

$$\begin{aligned} & (6,5)^2 + 4,6 \times 3,7 \\ & = 42,25 + \underline{4,6 \times 3,7} \\ & = \underline{42,25 + 17,02} \\ & = 59,27 \end{aligned}$$

$$\begin{aligned} & 7,2 \times 3,8 - (3,7)^2 \\ & = \underline{7,2 \times 3,8} - 13,69 \\ & = \underline{27,36 - 13,69} \\ & = 13,67 \end{aligned}$$

$$\begin{aligned} & 7,1 \times 1,9 + (3,7)^2 \\ & = \underline{7,1 \times 1,9} + 13,69 \\ & = \underline{13,49 + 13,69} \\ & = 27,18 \end{aligned}$$

Order of Operations with Decimals (G)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$6,1 \times 9,4 - (2,3)^2$$

$$(1,9)^2 + 5,4 \times 6,5$$

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

$$8,6 \times 3,75 + (5,5)^2$$

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

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

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

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

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

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

Order of Operations with Decimals (G) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & 6,1 \times 9,4 - (2,3)^2 \\ & = \underline{6,1 \times 9,4} - 5,29 \\ & = \underline{57,34 - 5,29} \\ & = 52,05 \end{aligned}$$

$$\begin{aligned} & (1,9)^2 + 5,4 \times 6,5 \\ & = 3,61 + \underline{5,4 \times 6,5} \\ & = \underline{3,61 + 35,1} \\ & = 38,71 \end{aligned}$$

$$\begin{aligned} & (5,6)^2 \div 1,6 - 5,9 \\ & = \underline{31,36 \div 1,6} - 5,9 \\ & = \underline{19,6 - 5,9} \\ & = 13,7 \end{aligned}$$

$$\begin{aligned} & 8,6 \times 3,75 + (5,5)^2 \\ & = \underline{8,6 \times 3,75} + 30,25 \\ & = \underline{32,25 + 30,25} \\ & = 62,5 \end{aligned}$$

$$\begin{aligned} & (5,7)^2 - 4,2 \times 5,5 \\ & = 32,49 - \underline{4,2 \times 5,5} \\ & = \underline{32,49 - 23,1} \\ & = 9,39 \end{aligned}$$

$$\begin{aligned} & (3,6)^2 + 2,8 \times 4,4 \\ & = 12,96 + \underline{2,8 \times 4,4} \\ & = \underline{12,96 + 12,32} \\ & = 25,28 \end{aligned}$$

$$\begin{aligned} & (1,5)^2 \times (2,3 + 2,9) \\ & = \underline{(1,5)^2} \times 5,2 \\ & = \underline{2,25 \times 5,2} \\ & = 11,7 \end{aligned}$$

$$\begin{aligned} & (5,9 + (5,8)^2) \times 1,5 \\ & = \underline{(5,9 + 33,64)} \times 1,5 \\ & = \underline{39,54 \times 1,5} \\ & = 59,31 \end{aligned}$$

$$\begin{aligned} & (3,8)^2 - 3,9 \times 2,6 \\ & = 14,44 - \underline{3,9 \times 2,6} \\ & = \underline{14,44 - 10,14} \\ & = 4,3 \end{aligned}$$

$$\begin{aligned} & 3,5 \times 6,8 + (6,6)^2 \\ & = \underline{3,5 \times 6,8} + 43,56 \\ & = \underline{23,8 + 43,56} \\ & = 67,36 \end{aligned}$$

Order of Operations with Decimals (H)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(1,5)^2 + 7,8 \times 2,6$$

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

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

$$(6,9)^2 \div (9,3 - 7,8)$$

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

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

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

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

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

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

Order of Operations with Decimals (H) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & \underline{(1,5)^2} + 7,8 \times 2,6 \\ & = 2,25 + \underline{7,8 \times 2,6} \\ & = \underline{2,25 + 20,28} \\ & = 22,53 \end{aligned}$$

$$\begin{aligned} & 4,6 \times \underline{(4,5)^2} - 2,4 \\ & = \underline{4,6 \times 20,25} - 2,4 \\ & = \underline{93,15 - 2,4} \\ & = 90,75 \end{aligned}$$

$$\begin{aligned} & 2,5 \times 1,6 + \underline{(7,5)^2} \\ & = \underline{2,5 \times 1,6} + 56,25 \\ & = \underline{4 + 56,25} \\ & = 60,25 \end{aligned}$$

$$\begin{aligned} & (6,9)^2 \div \underline{(9,3 - 7,8)} \\ & = \underline{(6,9)^2} \div 1,5 \\ & = \underline{47,61 \div 1,5} \\ & = 31,74 \end{aligned}$$

$$\begin{aligned} & \underline{(8,6)^2} - 2,5 \times 6,5 \\ & = 73,96 - \underline{2,5 \times 6,5} \\ & = \underline{73,96 - 16,25} \\ & = 57,71 \end{aligned}$$

$$\begin{aligned} & 1,4 \times \underline{(7,1 - 1,6)^2} \\ & = 1,4 \times \underline{(5,5)^2} \\ & = \underline{1,4 \times 30,25} \\ & = 42,35 \end{aligned}$$

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

$$\begin{aligned} & \underline{(7,9)^2} - 2,3 \times 4,6 \\ & = 62,41 - \underline{2,3 \times 4,6} \\ & = \underline{62,41 - 10,58} \\ & = 51,83 \end{aligned}$$

$$\begin{aligned} & \underline{(5,9)^2} + 1,6 \times 5,5 \\ & = 34,81 + \underline{1,6 \times 5,5} \\ & = \underline{34,81 + 8,8} \\ & = 43,61 \end{aligned}$$

$$\begin{aligned} & \underline{(3,4)^2} + 1,5 \times 5,3 \\ & = 11,56 + \underline{1,5 \times 5,3} \\ & = \underline{11,56 + 7,95} \\ & = 19,51 \end{aligned}$$

Order of Operations with Decimals (I)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

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

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

$$9,4 \div 1,25 + (5,2)^2$$

$$8,4 \times 2,1 + (7,6)^2$$

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

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

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

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

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

$$2,6 + (6,5)^2 \div 1,25$$

Order of Operations with Decimals (I) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} &1,5 \times 9,8 + (6,1)^2 \\ &= \underline{1,5 \times 9,8} + 37,21 \\ &= \underline{14,7 + 37,21} \\ &= 51,91 \end{aligned}$$

$$\begin{aligned} &9,3 \times 2,8 + (5,6)^2 \\ &= \underline{9,3 \times 2,8} + 31,36 \\ &= \underline{26,04 + 31,36} \\ &= 57,4 \end{aligned}$$

$$\begin{aligned} &9,4 \div 1,25 + (5,2)^2 \\ &= \underline{9,4 \div 1,25} + 27,04 \\ &= \underline{7,52 + 27,04} \\ &= 34,56 \end{aligned}$$

$$\begin{aligned} &8,4 \times 2,1 + (7,6)^2 \\ &= \underline{8,4 \times 2,1} + 57,76 \\ &= \underline{17,64 + 57,76} \\ &= 75,4 \end{aligned}$$

$$\begin{aligned} &(1,5)^2 + 2,2 \times 1,6 \\ &= 2,25 + \underline{2,2 \times 1,6} \\ &= \underline{2,25 + 3,52} \\ &= 5,77 \end{aligned}$$

$$\begin{aligned} &(1,1)^2 + 4,8 \times 2,8 \\ &= 1,21 + \underline{4,8 \times 2,8} \\ &= \underline{1,21 + 13,44} \\ &= 14,65 \end{aligned}$$

$$\begin{aligned} &7,3 \times 2,3 - (2,8)^2 \\ &= \underline{7,3 \times 2,3} - 7,84 \\ &= \underline{16,79 - 7,84} \\ &= 8,95 \end{aligned}$$

$$\begin{aligned} &9,1 \times 8,1 - (1,7)^2 \\ &= \underline{9,1 \times 8,1} - 2,89 \\ &= \underline{73,71 - 2,89} \\ &= 70,82 \end{aligned}$$

$$\begin{aligned} &7,7 \times 1,4 - (1,3)^2 \\ &= \underline{7,7 \times 1,4} - 1,69 \\ &= \underline{10,78 - 1,69} \\ &= 9,09 \end{aligned}$$

$$\begin{aligned} &2,6 + (6,5)^2 \div 1,25 \\ &= 2,6 + \underline{42,25 \div 1,25} \\ &= \underline{2,6 + 33,8} \\ &= 36,4 \end{aligned}$$

Order of Operations with Decimals (J)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

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

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

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

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

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

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

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

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

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

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

Order of Operations with Decimals (J) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} &6,3 \times 4,4 + (3,6)^2 \\ &= \underline{6,3 \times 4,4} + 12,96 \\ &= \underline{27,72 + 12,96} \\ &= 40,68 \end{aligned}$$

$$\begin{aligned} &(8,3)^2 + 6,6 \times 3,9 \\ &= 68,89 + \underline{6,6 \times 3,9} \\ &= \underline{68,89 + 25,74} \\ &= 94,63 \end{aligned}$$

$$\begin{aligned} &(1,4)^2 + 2,1 \times 4,9 \\ &= 1,96 + \underline{2,1 \times 4,9} \\ &= \underline{1,96 + 10,29} \\ &= 12,25 \end{aligned}$$

$$\begin{aligned} &(1,1)^2 + 9,9 \times 7,8 \\ &= 1,21 + \underline{9,9 \times 7,8} \\ &= \underline{1,21 + 77,22} \\ &= 78,43 \end{aligned}$$

$$\begin{aligned} &(8,1)^2 - 8,8 \times 1,9 \\ &= 65,61 - \underline{8,8 \times 1,9} \\ &= \underline{65,61 - 16,72} \\ &= 48,89 \end{aligned}$$

$$\begin{aligned} &4,7 \times (5,6 - 1,6)^2 \\ &= 4,7 \times \underline{4^2} \\ &= \underline{4,7 \times 16} \\ &= 75,2 \end{aligned}$$

$$\begin{aligned} &5,6 \times (2,5)^2 - 2,1 \\ &= \underline{5,6 \times 6,25} - 2,1 \\ &= \underline{35 - 2,1} \\ &= 32,9 \end{aligned}$$

$$\begin{aligned} &(4,5)^2 - 6,7 \times 2,4 \\ &= 20,25 - \underline{6,7 \times 2,4} \\ &= \underline{20,25 - 16,08} \\ &= 4,17 \end{aligned}$$

$$\begin{aligned} &2,5 \times (4,6)^2 + 5,7 \\ &= \underline{2,5 \times 21,16} + 5,7 \\ &= \underline{52,9 + 5,7} \\ &= 58,6 \end{aligned}$$

$$\begin{aligned} &2,2 \times 8,4 + (5,8)^2 \\ &= \underline{2,2 \times 8,4} + 33,64 \\ &= \underline{18,48 + 33,64} \\ &= 52,12 \end{aligned}$$