

# Order of Operations (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$10 - 3^3 \div 9$

$7^2 \div (4 + 3)$

$7 \times 5 - 2^2$

$(6 + 2^2) \times 10$

$3 \times 6 + 8^2$

$4^3 - 10 \div 5$

$3^2 \times 2 - 9$

$9 \times 3^2 - 8$

$6^2 \div 3 - 5$

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

# Order of Operations (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$\begin{aligned}10 - 3^3 \div 9 \\&= 10 - \underline{27 \div 9} \\&= \underline{10 - 3} \\&= 7\end{aligned}$$

$$\begin{aligned}7^2 \div (4 + 3) \\&= \underline{7^2} \div 7 \\&= \underline{49 \div 7} \\&= 7\end{aligned}$$

$$\begin{aligned}7 \times 5 - 2^2 \\&= \underline{7 \times 5} - 4 \\&= \underline{35 - 4} \\&= 31\end{aligned}$$

$$\begin{aligned}(6 + 2^2) \times 10 \\&= \underline{(6 + 4)} \times 10 \\&= \underline{10 \times 10} \\&= 100\end{aligned}$$

$$\begin{aligned}3 \times 6 + 8^2 \\&= \underline{3 \times 6} + 64 \\&= \underline{18 + 64} \\&= 82\end{aligned}$$

$$\begin{aligned}4^3 - 10 \div 5 \\&= 64 - \underline{10 \div 5} \\&= \underline{64 - 2} \\&= 62\end{aligned}$$

$$\begin{aligned}3^2 \times 2 - 9 \\&= \underline{9 \times 2} - 9 \\&= \underline{18 - 9} \\&= 9\end{aligned}$$

$$\begin{aligned}9 \times 3^2 - 8 \\&= \underline{9 \times 9} - 8 \\&= \underline{81 - 8} \\&= 73\end{aligned}$$

$$\begin{aligned}6^2 \div 3 - 5 \\&= \underline{36 \div 3} - 5 \\&= \underline{12 - 5} \\&= 7\end{aligned}$$

$$\begin{aligned}(9 - 5)^2 \div 4 \\&= \underline{4^2} \div 4 \\&= \underline{16 \div 4} \\&= 4\end{aligned}$$

# Order of Operations (B)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

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

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

$$10 + 3^3 \div 9$$

$$(9 - 2^3) \times 5$$

$$6^2 + 7 \times 2$$

$$6^2 \div 2 - 4$$

$$9 \times 8 + 3^2$$

$$(5^2 + 10) \times 2$$

$$(7 + 10) \times 2^2$$

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

# Order of Operations (B)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (8 - 6)^2 \times 7 \\ & = 2^2 \times 7 \\ & = 4 \times 7 \\ & = 28 \end{aligned}$$

$$\begin{aligned} & 3^2 \times 4 + 6 \\ & = 9 \times 4 + 6 \\ & = 36 + 6 \\ & = 42 \end{aligned}$$

$$\begin{aligned} & 10 + 3^3 \div 9 \\ & = 10 + 27 \div 9 \\ & = 10 + 3 \\ & = 13 \end{aligned}$$

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

$$\begin{aligned} & 6^2 + 7 \times 2 \\ & = 36 + 7 \times 2 \\ & = 36 + 14 \\ & = 50 \end{aligned}$$

$$\begin{aligned} & 6^2 \div 2 - 4 \\ & = 36 \div 2 - 4 \\ & = 18 - 4 \\ & = 14 \end{aligned}$$

$$\begin{aligned} & 9 \times 8 + 3^2 \\ & = 9 \times 8 + 9 \\ & = 72 + 9 \\ & = 81 \end{aligned}$$

$$\begin{aligned} & (5^2 + 10) \times 2 \\ & = (25 + 10) \times 2 \\ & = 35 \times 2 \\ & = 70 \end{aligned}$$

$$\begin{aligned} & (7 + 10) \times 2^2 \\ & = 17 \times 2^2 \\ & = 17 \times 4 \\ & = 68 \end{aligned}$$

$$\begin{aligned} & 7 \times (4^2 - 2) \\ & = 7 \times (16 - 2) \\ & = 7 \times 14 \\ & = 98 \end{aligned}$$

# Order of Operations (C)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$8 + 2^2 \times 9$$

$$4^3 + 10 \div 5$$

$$9 \times 2^2 + 6$$

$$7 + 4 \times 2^2$$

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

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

$$10^2 \div (6 - 4)$$

$$2 \times 3^3 + 7$$

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

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

# Order of Operations (C)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$\begin{aligned}8 + 2^2 \times 9 \\&= 8 + 4 \times 9 \\&= 8 + 36 \\&= 44\end{aligned}$$

$$\begin{aligned}4^3 + 10 \div 5 \\&= 64 + 10 \div 5 \\&= 64 + 2 \\&= 66\end{aligned}$$

$$\begin{aligned}9 \times 2^2 + 6 \\&= 9 \times 4 + 6 \\&= 36 + 6 \\&= 42\end{aligned}$$

$$\begin{aligned}7 + 4 \times 2^2 \\&= 7 + 4 \times 4 \\&= 7 + 16 \\&= 23\end{aligned}$$

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

$$\begin{aligned}(\underline{3^2-5}) \times 8 \\&= (\underline{9-5}) \times 8 \\&= 4 \times 8 \\&= 32\end{aligned}$$

$$\begin{aligned}10^2 \div (\underline{6-4}) \\&= 10^2 \div 2 \\&= 100 \div 2 \\&= 50\end{aligned}$$

$$\begin{aligned}2 \times \underline{3^3} + 7 \\&= 2 \times 27 + 7 \\&= 54 + 7 \\&= 61\end{aligned}$$

$$\begin{aligned}(\underline{2^3-8}) \div 6 \\&= (\underline{8-8}) \div 6 \\&= 0 \div 6 \\&= 0\end{aligned}$$

$$\begin{aligned}3^2 \times (\underline{6+2}) \\&= 3^2 \times 8 \\&= 9 \times 8 \\&= 72\end{aligned}$$

# Order of Operations (D)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$3 + 10^2 \div 5$$

$$4 \times 9 + 2^2$$

$$9 \times 4 - 3^2$$

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

$$8 \times 7 + 4^2$$

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

$$6 \times 2^3 + 10$$

$$(2^2 + 10) \times 6$$

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

$$4^2 - 6 \times 2$$

# Order of Operations (D)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$\begin{aligned}3 + 10^2 \div 5 \\&= 3 + 100 \div 5 \\&= 3 + 20 \\&= 23\end{aligned}$$

$$\begin{aligned}4 \times 9 + 2^2 \\&= 4 \times 9 + 4 \\&= 36 + 4 \\&= 40\end{aligned}$$

$$\begin{aligned}9 \times 4 - 3^2 \\&= 9 \times 4 - 9 \\&= 36 - 9 \\&= 27\end{aligned}$$

$$\begin{aligned}(8 + 2^3) \times 4 \\&= (8 + 8) \times 4 \\&= 16 \times 4 \\&= 64\end{aligned}$$

$$\begin{aligned}8 \times 7 + 4^2 \\&= 8 \times 7 + 16 \\&= 56 + 16 \\&= 72\end{aligned}$$

$$\begin{aligned}(6^2 + 3) \times 2 \\&= (36 + 3) \times 2 \\&= 39 \times 2 \\&= 78\end{aligned}$$

$$\begin{aligned}6 \times 2^3 + 10 \\&= 6 \times 8 + 10 \\&= 48 + 10 \\&= 58\end{aligned}$$

$$\begin{aligned}(2^2 + 10) \times 6 \\&= (4 + 10) \times 6 \\&= 14 \times 6 \\&= 84\end{aligned}$$

$$\begin{aligned}7 \times (9 - 8)^2 \\&= 7 \times 1^2 \\&= 7 \times 1 \\&= 7\end{aligned}$$

$$\begin{aligned}4^2 - 6 \times 2 \\&= 16 - 6 \times 2 \\&= 16 - 12 \\&= 4\end{aligned}$$



# Order of Operations (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$8 \div (6 - 2^2)$$

$$(8^2 + 6) \div 5$$

$$3 \times 7 + 5^2$$

$$(10 + 2^3) \div 3$$

$$(3^3 - 10) \times 4$$

$$10 \div (6 - 2^2)$$

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

$$2 \times (4^2 + 10)$$

$$4 \div 2 + 5^2$$

$$9 \div 3 + 6^2$$

# Order of Operations (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$\begin{aligned}8 \div (6 - 2^2) \\&= 8 \div (6 - 4) \\&= 8 \div 2 \\&= 4\end{aligned}$$

$$\begin{aligned}(8^2 + 6) \div 5 \\&= (64 + 6) \div 5 \\&= 70 \div 5 \\&= 14\end{aligned}$$

$$\begin{aligned}3 \times 7 + 5^2 \\&= 3 \times 7 + 25 \\&= 21 + 25 \\&= 46\end{aligned}$$

$$\begin{aligned}(10 + 2^3) \div 3 \\&= (10 + 8) \div 3 \\&= 18 \div 3 \\&= 6\end{aligned}$$

$$\begin{aligned}(3^3 - 10) \times 4 \\&= (27 - 10) \times 4 \\&= 17 \times 4 \\&= 68\end{aligned}$$

$$\begin{aligned}10 \div (6 - 2^2) \\&= 10 \div (6 - 4) \\&= 10 \div 2 \\&= 5\end{aligned}$$

$$\begin{aligned}9 \times (4^2 - 5) \\&= 9 \times (16 - 5) \\&= 9 \times 11 \\&= 99\end{aligned}$$

$$\begin{aligned}2 \times (4^2 + 10) \\&= 2 \times (16 + 10) \\&= 2 \times 26 \\&= 52\end{aligned}$$

$$\begin{aligned}4 \div 2 + 5^2 \\&= 4 \div 2 + 25 \\&= 2 + 25 \\&= 27\end{aligned}$$

$$\begin{aligned}9 \div 3 + 6^2 \\&= 9 \div 3 + 36 \\&= 3 + 36 \\&= 39\end{aligned}$$

# Order of Operations (F)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

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

$$8 + 9 \div 3^2$$

$$3^2 \times 6 - 2$$

$$3^2 \times (10 - 8)$$

$$(6 + 2^2) \times 10$$

$$9^2 - 4 \times 7$$

$$5 \times 2^2 + 3$$

$$4^2 \div (9 + 7)$$

$$6 - 2^3 \div 8$$

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

# Order of Operations (F)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$\begin{aligned}4 \times (2^3 + 6) \\&= 4 \times (8 + 6) \\&= 4 \times 14 \\&= 56\end{aligned}$$

$$\begin{aligned}8 + 9 \div 3^2 \\&= 8 + 9 \div 9 \\&= 8 + 1 \\&= 9\end{aligned}$$

$$\begin{aligned}3^2 \times 6 - 2 \\&= 9 \times 6 - 2 \\&= 54 - 2 \\&= 52\end{aligned}$$

$$\begin{aligned}3^2 \times (10 - 8) \\&= 3^2 \times 2 \\&= 9 \times 2 \\&= 18\end{aligned}$$

$$\begin{aligned}(6 + 2^2) \times 10 \\&= (6 + 4) \times 10 \\&= 10 \times 10 \\&= 100\end{aligned}$$

$$\begin{aligned}9^2 - 4 \times 7 \\&= 81 - 4 \times 7 \\&= 81 - 28 \\&= 53\end{aligned}$$

$$\begin{aligned}5 \times 2^2 + 3 \\&= 5 \times 4 + 3 \\&= 20 + 3 \\&= 23\end{aligned}$$

$$\begin{aligned}4^2 \div (9 + 7) \\&= 4^2 \div 16 \\&= 16 \div 16 \\&= 1\end{aligned}$$

$$\begin{aligned}6 - 2^3 \div 8 \\&= 6 - 8 \div 8 \\&= 6 - 1 \\&= 5\end{aligned}$$

$$\begin{aligned}(2 + 5) \times 3^2 \\&= 7 \times 3^2 \\&= 7 \times 9 \\&= 63\end{aligned}$$

# Order of Operations (G)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$10 + 2^3 \times 7$

$8 \times 2^2 - 6$

$4^2 - 8 \div 2$

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

$8^2 + 5 \times 3$

$2 \times 3^2 - 7$

$8^2 + 2 \times 7$

$4 \times (10 - 2^2)$

$4^2 \times 2 + 5$

$5 + 8^2 \div 4$

# Order of Operations (G)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$\begin{aligned}10 + 2^3 \times 7 \\&= 10 + 8 \times 7 \\&= 10 + 56 \\&= 66\end{aligned}$$

$$\begin{aligned}8 \times 2^2 - 6 \\&= 8 \times 4 - 6 \\&= 32 - 6 \\&= 26\end{aligned}$$

$$\begin{aligned}4^2 - 8 \div 2 \\&= 16 - 8 \div 2 \\&= 16 - 4 \\&= 12\end{aligned}$$

$$\begin{aligned}2 \times (7 - 5)^3 \\&= 2 \times 2^3 \\&= 2 \times 8 \\&= 16\end{aligned}$$

$$\begin{aligned}8^2 + 5 \times 3 \\&= 64 + 5 \times 3 \\&= 64 + 15 \\&= 79\end{aligned}$$

$$\begin{aligned}2 \times 3^2 - 7 \\&= 2 \times 9 - 7 \\&= 18 - 7 \\&= 11\end{aligned}$$

$$\begin{aligned}8^2 + 2 \times 7 \\&= 64 + 2 \times 7 \\&= 64 + 14 \\&= 78\end{aligned}$$

$$\begin{aligned}4 \times (10 - 2^2) \\&= 4 \times (10 - 4) \\&= 4 \times 6 \\&= 24\end{aligned}$$

$$\begin{aligned}4^2 \times 2 + 5 \\&= 16 \times 2 + 5 \\&= 32 + 5 \\&= 37\end{aligned}$$

$$\begin{aligned}5 + 8^2 \div 4 \\&= 5 + 64 \div 4 \\&= 5 + 16 \\&= 21\end{aligned}$$

# Order of Operations (H)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$(10 + 7) \times 2^2$$

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

$$5^2 \times 3 + 10$$

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

$$8 \div 2^3 + 6$$

$$4 \times (10 - 7)^2$$

$$4^3 - 8 \times 5$$

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

$$8^2 \div (5 + 3)$$

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

# Order of Operations (H)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{(10 + 7)} \times 2^2 \\ & = 17 \times \underline{2^2} \\ & = \underline{17 \times 4} \\ & = 68 \end{aligned}$$

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

$$\begin{aligned} & \underline{5^2} \times 3 + 10 \\ & = \underline{25 \times 3} + 10 \\ & = \underline{75 + 10} \\ & = 85 \end{aligned}$$

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

$$\begin{aligned} & 8 \div \underline{2^3} + 6 \\ & = \underline{8 \div 8} + 6 \\ & = \underline{1 + 6} \\ & = 7 \end{aligned}$$

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

$$\begin{aligned} & \underline{4^3} - 8 \times 5 \\ & = 64 - \underline{8 \times 5} \\ & = \underline{64 - 40} \\ & = 24 \end{aligned}$$

$$\begin{aligned} & 2 \times 6 + \underline{4^3} \\ & = \underline{2 \times 6} + 64 \\ & = \underline{12 + 64} \\ & = 76 \end{aligned}$$

$$\begin{aligned} & 8^2 \div \underline{(5 + 3)} \\ & = \underline{8^2} \div 8 \\ & = \underline{64 \div 8} \\ & = 8 \end{aligned}$$

$$\begin{aligned} & 2^3 \times \underline{(3 + 5)} \\ & = \underline{2^3} \times 8 \\ & = \underline{8 \times 8} \\ & = 64 \end{aligned}$$



# Order of Operations (I)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

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

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

$$10 \times (3 - 2)^3$$

$$3^3 + 9 \times 7$$

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

$$6 - 4^2 \div 8$$

$$3 \times 8 + 7^2$$

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

$$5 \div (3 - 2)^2$$

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

# Order of Operations (I)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$\begin{aligned}2^2 \times (8 - 4) \\&= \underline{2^2} \times 4 \\&= \underline{4 \times 4} \\&= 16\end{aligned}$$

$$\begin{aligned}(\underline{8 - 6})^2 \times 9 \\&= \underline{2^2} \times 9 \\&= \underline{4 \times 9} \\&= 36\end{aligned}$$

$$\begin{aligned}10 \times (\underline{3 - 2})^3 \\&= 10 \times \underline{1^3} \\&= \underline{10 \times 1} \\&= 10\end{aligned}$$

$$\begin{aligned}\underline{3^3} + 9 \times 7 \\&= 27 + \underline{9 \times 7} \\&= \underline{27 + 63} \\&= 90\end{aligned}$$

$$\begin{aligned}3 \times (\underline{4^2} + 2) \\&= 3 \times (\underline{16 + 2}) \\&= \underline{3 \times 18} \\&= 54\end{aligned}$$

$$\begin{aligned}6 - \underline{4^2} \div 8 \\&= 6 - \underline{16 \div 8} \\&= \underline{6 - 2} \\&= 4\end{aligned}$$

$$\begin{aligned}3 \times 8 + \underline{7^2} \\&= \underline{3 \times 8} + 49 \\&= \underline{24 + 49} \\&= 73\end{aligned}$$

$$\begin{aligned}(\underline{3 + 2^3}) \times 4 \\&= (\underline{3 + 8}) \times 4 \\&= \underline{11 \times 4} \\&= 44\end{aligned}$$

$$\begin{aligned}5 \div (\underline{3 - 2})^2 \\&= 5 \div \underline{1^2} \\&= \underline{5 \div 1} \\&= 5\end{aligned}$$

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

# Order of Operations (J)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$(2^3 - 3) \div 5$$

$$6^2 \div (4 + 5)$$

$$3 \times 4 + 7^2$$

$$7^2 - 2 \times 3$$

$$(6 - 5)^3 \times 4$$

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

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

$$10 + 8 \times 2^3$$

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

$$10 \div 2 + 5^2$$

# Order of Operations (J)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (2^3 - 3) \div 5 \\ & = (8 - 3) \div 5 \\ & = 5 \div 5 \\ & = 1 \end{aligned}$$

$$\begin{aligned} & 6^2 \div (4 + 5) \\ & = 6^2 \div 9 \\ & = 36 \div 9 \\ & = 4 \end{aligned}$$

$$\begin{aligned} & 3 \times 4 + 7^2 \\ & = 3 \times 4 + 49 \\ & = 12 + 49 \\ & = 61 \end{aligned}$$

$$\begin{aligned} & 7^2 - 2 \times 3 \\ & = 49 - 2 \times 3 \\ & = 49 - 6 \\ & = 43 \end{aligned}$$

$$\begin{aligned} & (6 - 5)^3 \times 4 \\ & = 1^3 \times 4 \\ & = 1 \times 4 \\ & = 4 \end{aligned}$$

$$\begin{aligned} & 2 \times (3^3 + 5) \\ & = 2 \times (27 + 5) \\ & = 2 \times 32 \\ & = 64 \end{aligned}$$

$$\begin{aligned} & (9 + 2^2) \times 3 \\ & = (9 + 4) \times 3 \\ & = 13 \times 3 \\ & = 39 \end{aligned}$$

$$\begin{aligned} & 10 + 8 \times 2^3 \\ & = 10 + 8 \times 8 \\ & = 10 + 64 \\ & = 74 \end{aligned}$$

$$\begin{aligned} & 4 \times (3^2 - 7) \\ & = 4 \times (9 - 7) \\ & = 4 \times 2 \\ & = 8 \end{aligned}$$

$$\begin{aligned} & 10 \div 2 + 5^2 \\ & = 10 \div 2 + 25 \\ & = 5 + 25 \\ & = 30 \end{aligned}$$