

Order of Operations (A)

Perform the operations in the correct order.

1. $(8 - 6)^{(9 - (1 + 6)) \div (5 - 4)}$

6. $(7 \div 1)^{(5 - (4 - 4 + 5)) \div 1}$

2. $6 \times (5 \div (4 \div 4 \div 1) - 4) + 5$

7. $(4 \times 3)^{(4 \times 1)^{(5 - 5) \div 3}}$

3. $3^{1-1} + 10 + 6 \div 3 - 6$

8. $6 \div ((3 + 10 + 6 - 2 \times 9) \times 2)$

4. $7 \div (3 - 2) \times 2 \div (2 \div (8 - 6))$

9. $(9 \div 3^2 \times 4)^{3 - 1 \times 1}$

5. $(3 \div (10 \div 10) + 4)^{(3 - 3) \div 5}$

10. $(3 \times 3 - 9) \times 9 \div 1 \div 9 \times 5$

Order of Operations (A) Answers

Perform the operations in the correct order.

$$1. (8 - 6)^{(9 - (1 + 6)) \div (5 - 4)} \\ = 4$$

$$6. (7 \div 1)^{(5 - (4 - 4 + 5)) \div 1} \\ = 1$$

$$2. 6 \times (5 \div (4 \div 4 \div 1) - 4) + 5 \\ = 11$$

$$7. (4 \times 3)^{(4 \times 1)^{(5 - 5) \div 3}} \\ = 12$$

$$3. 3^{1-1} + 10 + 6 \div 3 - 6 \\ = 7$$

$$8. 6 \div ((3 + 10 + 6 - 2 \times 9) \times 2) \\ = 3$$

$$4. 7 \div (3 - 2) \times 2 \div (2 \div (8 - 6)) \\ = 14$$

$$9. (9 \div 3^2 \times 4)^{3 - 1 \times 1} \\ = 16$$

$$5. (3 \div (10 \div 10) + 4)^{(3 - 3) \div 5} \\ = 1$$

$$10. (3 \times 3 - 9) \times 9 \div 1 \div 9 \times 5 \\ = 0$$

Order of Operations (B)

Perform the operations in the correct order.

1. $(1 \times 3 - 3) \div (4 \div (8 + 4 - 10))$

6. $(1 \times 1)^{9-7} + 10 \div 2 - 6$

2. $1 \times 2^2 \times (2 - 2) + 4^2$

7. $6 \times 9 \times (7 - 7) \div ((5 - 1) \div 4)$

3. $(9 - (6 - 5) \times 8) \times (7 - 4 \div 1)$

8. $(10 + (10 + 9) \times 7 \times (3 - 3)) \times 2$

4. $8 \times (5 - 5) \div (8 \times (8 - 7)) \div 5$

9. $(7 \times 2)^{6 \div 1 \div (7 + 1 - 2)}$

5. $4^{((5-5)^3+2) \div (1 \times 2)}$

10. $\left(((3 - 3) \times 3)^{9-6} \right)^9 \div 8$

Order of Operations (B) Answers

Perform the operations in the correct order.

$$1. (1 \times 3 - 3) \div (4 \div (8 + 4 - 10)) \\ = 0$$

$$6. (1 \times 1)^{9-7} + 10 \div 2 - 6 \\ = 0$$

$$2. 1 \times 2^2 \times (2 - 2) + 4^2 \\ = 16$$

$$7. 6 \times 9 \times (7 - 7) \div ((5 - 1) \div 4) \\ = 0$$

$$3. (9 - (6 - 5) \times 8) \times (7 - 4 \div 1) \\ = 3$$

$$8. (10 + (10 + 9) \times 7 \times (3 - 3)) \times 2 \\ = 20$$

$$4. 8 \times (5 - 5) \div (8 \times (8 - 7)) \div 5 \\ = 0$$

$$9. (7 \times 2)^{6 \div 1 \div (7 + 1 - 2)} \\ = 14$$

$$5. 4^{((5-5)^3+2) \div (1 \times 2)} \\ = 4$$

$$10. \left(((3 - 3) \times 3)^{9-6} \right)^9 \div 8 \\ = 0$$

Order of Operations (C)

Perform the operations in the correct order.

1. $\left((8 - (10 - 4))^{8-5}\right)^{2 \div 2}$

6. $(10 - 9)^{(10+5-7)^{1 \div 4}}$

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

7. $2^{4^1} - \left((1^4)^3\right)^8$

3. $9 \times 1^{4 \times 5 \div 3^{2-2}}$

8. $(4 \div 4 \times 10 - 1 + 6) \div (6 \div 2)$

4. $5 - (6 + 5 - 2 \times 3) + 7^1$

9. $10^{1^{8-1 \times 5}} \times (8 - 6)$

5. $(2 \times 1)^2 \times (5 - 2 \times 1 \div 1)$

10. $3 \div (1^{10 \div 10 \div 1} \div 1 \times 1)$

Order of Operations (C) Answers

Perform the operations in the correct order.

$$1. \left((8 - (10 - 4))^{8-5} \right)^{2 \div 2} \\ = 8$$

$$6. (10 - 9)^{(10+5-7)^1 \div 4} \\ = 1$$

$$2. (8 - 6)^2 \div (3 \div 3 \times 4 \div 4) \\ = 4$$

$$7. 2^{4^1} - \left((1^4)^3 \right)^8 \\ = 15$$

$$3. 9 \times 1^{4 \times 5 \div 3^{2-2}} \\ = 9$$

$$8. (4 \div 4 \times 10 - 1 + 6) \div (6 \div 2) \\ = 5$$

$$4. 5 - (6 + 5 - 2 \times 3) + 7^1 \\ = 7$$

$$9. 10^{1^{8-1 \times 5}} \times (8 - 6) \\ = 20$$

$$5. (2 \times 1)^2 \times (5 - 2 \times 1 \div 1) \\ = 12$$

$$10. 3 \div (1^{10 \div 10 \div 1} \div 1 \times 1) \\ = 3$$

Order of Operations (D)

Perform the operations in the correct order.

1. $6 + 4 \div 2 + 10 + 9 - 7 - 3$

6. $2^{(6 \div 1 \times 1 - 5)} \times 8 \div 4$

2. $(5 \times 1 - (8^1 - 3)) \div 2 \times 1$

7. $8 \div (3 \div (1 + 2)) + 6 \div (7 \div 7)$

3. $9 \div (8 - 1 \times (5 - (9 - 9)))^2$

8. $(7 - 7) \times 10 + 9 + 6 \div 3 \times 2$

4. $10 - 3 + 8 \times 2 \div (1 \times (8 - 4))$

9. $1^{(5-4)^{4 \div (2 \div 1)} \times 1}$

5. $(5 \div 1 - 3)^2 - 3 + 7 \times 1$

10. $(5 - 4) \times 2 + 10 + 4^1 \div 1$

Order of Operations (D) Answers

Perform the operations in the correct order.

$$1. 6 + 4 \div 2 + 10 + 9 - 7 - 3 \\ = 17$$

$$6. 2^{(6 \div 1 \times 1 - 5)} \times 8 \div 4 \\ = 4$$

$$2. (5 \times 1 - (8^1 - 3)) \div 2 \times 1 \\ = 0$$

$$7. 8 \div (3 \div (1 + 2)) + 6 \div (7 \div 7) \\ = 14$$

$$3. 9 \div (8 - 1 \times (5 - (9 - 9)))^2 \\ = 1$$

$$8. (7 - 7) \times 10 + 9 + 6 \div 3 \times 2 \\ = 13$$

$$4. 10 - 3 + 8 \times 2 \div (1 \times (8 - 4)) \\ = 11$$

$$9. 1^{(5-4)^{4 \div (2 \div 1)} \times 1} \\ = 1$$

$$5. (5 \div 1 - 3)^2 - 3 + 7 \times 1 \\ = 8$$

$$10. (5 - 4) \times 2 + 10 + 4^1 \div 1 \\ = 16$$

Order of Operations (E)

Perform the operations in the correct order.

1. $9^{4^2 \div 1^6 \times (7-7)}$

6. $(9 \div 3 + 8 \div (6 \div 3)^3) \div 2$

2. $3 - (10 - 3 + 4 - 9 \div (9 \div 9))$

7. $(4^2 \div 4^{6-6} - 2) \div 1$

3. $((4^2)^1)^{2 \div (2 \times 2 \div 2)}$

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

4. $(6 \div 6 \times (9 - 6))^{(8-7) \times 2}$

9. $(9 + 9 - 9)^{5 \div (2+3) \times 1}$

5. $1 - (10 - 8) \times (2 - 10 \div 5) \div 8$

10. $(6 - 2)^2 \div (9 \div 9 \times 2 \div 1)$

Order of Operations (E) Answers

Perform the operations in the correct order.

$$1. 9^{4^2 \div 1^6 \times (7-7)} \\ = 1$$

$$6. (9 \div 3 + 8 \div (6 \div 3)^3) \div 2 \\ = 2$$

$$2. 3 - (10 - 3 + 4 - 9 \div (9 \div 9)) \\ = 1$$

$$7. (4^2 \div 4^{6-6} - 2) \div 1 \\ = 14$$

$$3. ((4^2)^1)^{2 \div (2 \times 2 \div 2)} \\ = 16$$

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

$$4. (6 \div 6 \times (9 - 6))^{(8-7) \times 2} \\ = 9$$

$$9. (9 + 9 - 9)^{5 \div (2+3) \times 1} \\ = 9$$

$$5. 1 - (10 - 8) \times (2 - 10 \div 5) \div 8 \\ = 1$$

$$10. (6 - 2)^2 \div (9 \div 9 \times 2 \div 1) \\ = 8$$

Order of Operations (F)

Perform the operations in the correct order.

1. $2^{2 \times 2} \times 10 \div 10 - 3^2$

6. $6 \div (7 - 7^1 + 2) - 4 \div 4$

2. $10 - 3^2 \times (5 - 5) + 2^3$

7. $(6 - 8 \div 4)^2 \div 2^{3 \times 1}$

3. $8^{(7-6)^{8 \times 5 \div 5} \div 1}$

8. $(4 - 2) \div (2 \div 1) + 3 \div 3 \times 1$

4. $(8 - 8 + 3) \times (2^3 - 8 \div 1)$

9. $(6 - 1 - 1 \times 8 \div 8) \times 3 \div 1$

5. $3 + 3^{4 \div (5-3)} - 7 \div 1$

10. $4 \div 4 \times 9 \div ((6 \times 1 + 6) \div 4)$

Order of Operations (F) Answers

Perform the operations in the correct order.

$$1. 2^{2 \times 2} \times 10 \div 10 - 3^2 \\ = 7$$

$$6. 6 \div (7 - 7^1 + 2) - 4 \div 4 \\ = 2$$

$$2. 10 - 3^2 \times (5 - 5) + 2^3 \\ = 18$$

$$7. (6 - 8 \div 4)^2 \div 2^{3 \times 1} \\ = 2$$

$$3. 8^{(7-6)^{8 \times 5 \div 5} \div 1} \\ = 8$$

$$8. (4 - 2) \div (2 \div 1) + 3 \div 3 \times 1 \\ = 2$$

$$4. (8 - 8 + 3) \times (2^3 - 8 \div 1) \\ = 0$$

$$9. (6 - 1 - 1 \times 8 \div 8) \times 3 \div 1 \\ = 12$$

$$5. 3 + 3^{4 \div (5-3)} - 7 \div 1 \\ = 5$$

$$10. 4 \div 4 \times 9 \div ((6 \times 1 + 6) \div 4) \\ = 3$$

Order of Operations (G)

Perform the operations in the correct order.

1. $\left((1 + 5 - 2)^1 - (8 - 6)\right)^2$

6. $\left((4 - 4) \div 7\right)^4 \div (6 \div 2) \div 7$

2. $1 + 6 \div 1 + 10 + 2 - 10 \div 5$

7. $10 + 2 - (1 \times 3 + 9 - 9) \times 4$

3. $(6 \div (7 - 5))^{(6+10-10) \div 3}$

8. $(8 - 2 - (8 - 2)) \times 3 \div 3^2$

4. $7 + 8 \times 1 + 2 \times 2 \times 3 \div 3$

9. $(4 - 3)^4 + 6 \div ((2 + 1) \div 1)$

5. $1 \times (10 - (9 - 7) + 1 \div (1 \div 1))$

10. $4 \div 2 \times (7 + 6 - (6 + 7)) + 5$

Order of Operations (G) Answers

Perform the operations in the correct order.

$$1. \left((1 + 5 - 2)^1 - (8 - 6) \right)^2 \\ = 4$$

$$6. \left((4 - 4) \div 7 \right)^4 \div (6 \div 2) \div 7 \\ = 0$$

$$2. 1 + 6 \div 1 + 10 + 2 - 10 \div 5 \\ = 17$$

$$7. 10 + 2 - (1 \times 3 + 9 - 9) \times 4 \\ = 0$$

$$3. (6 \div (7 - 5))^{(6 + 10 - 10) \div 3} \\ = 9$$

$$8. (8 - 2 - (8 - 2)) \times 3 \div 3^2 \\ = 0$$

$$4. 7 + 8 \times 1 + 2 \times 2 \times 3 \div 3 \\ = 19$$

$$9. (4 - 3)^4 + 6 \div ((2 + 1) \div 1) \\ = 3$$

$$5. 1 \times (10 - (9 - 7) + 1 \div (1 \div 1)) \\ = 9$$

$$10. 4 \div 2 \times (7 + 6 - (6 + 7)) + 5 \\ = 5$$

Order of Operations (H)

Perform the operations in the correct order.

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

6. $(6 + 6)^{9^{3-2}-8} - 10$

2. $4 \times (2 \div 2)^{7+3} - 8 \div 2$

7. $(5 - 4)^5 \times 1^{4 \times 4 \div 4}$

3. $(9 - 7)^3 \div 2 + 5 + 1 \times 8$

8. $2^{2^2-4} \times (10 - 5) - 2$

4. $(6 - 4)^{10-6} - (6 \div 3 + 1)$

9. $\left((6 \div 6)^5\right)^{4 \div 4} \div 1 \div 1$

5. $(8 - (1 + 2)) \times 1^{10-8} \times 3$

10. $1 \div \left(\left(5 - (3 - 1)^2\right) \div (3 \div 3)\right)$

Order of Operations (H) Answers

Perform the operations in the correct order.

$$1. (1 + 4 + 5 \times 1 - (6 + 2))^4 \\ = 16$$

$$6. (6 + 6)^{9^{3-2}-8} - 10 \\ = 2$$

$$2. 4 \times (2 \div 2)^{7+3} - 8 \div 2 \\ = 0$$

$$7. (5 - 4)^5 \times 1^{4 \times 4 \div 4} \\ = 1$$

$$3. (9 - 7)^3 \div 2 + 5 + 1 \times 8 \\ = 17$$

$$8. 2^{2^2-4} \times (10 - 5) - 2 \\ = 3$$

$$4. (6 - 4)^{10-6} - (6 \div 3 + 1) \\ = 13$$

$$9. \left((6 \div 6)^5 \right)^{4 \div 4} \div 1 \div 1 \\ = 1$$

$$5. (8 - (1 + 2)) \times 1^{10-8} \times 3 \\ = 15$$

$$10. 1 \div \left(\left(5 - (3 - 1)^2 \right) \div (3 \div 3) \right) \\ = 1$$

Order of Operations (I)

Perform the operations in the correct order.

1. $5 - \left(1 + (1 - 1^3)^4\right)^5$

6. $3 \div (8 \div 1 - (7 + 1 - 2) - 1)$

2. $(5 \times 1 \div (8 - 3 + 5 - 5))^7$

7. $\left((2 + 10) \div (9 - 5^1)\right)^{6-5}$

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

8. $5 \times (10 - 9)^2 \times (3 \times 1 + 1)$

4. $(3^2 \div 1 - 3 - 4) \times 9 - 8$

9. $10 \div \left(1^6 + (10 \times 2)^{4-4}\right)$

5. $2 \times 6 \times (1 + 7 - 8) \div 9 + 8$

10. $(6 \div 1 + (4 + 5) \div 9) \times 6 \div 3$

Order of Operations (I) Answers

Perform the operations in the correct order.

$$1. 5 - \left(1 + (1 - 1^3)^4\right)^5 \\ = 4$$

$$6. 3 \div (8 \div 1 - (7 + 1 - 2) - 1) \\ = 3$$

$$2. (5 \times 1 \div (8 - 3 + 5 - 5))^7 \\ = 1$$

$$7. ((2 + 10) \div (9 - 5^1))^{6-5} \\ = 3$$

$$3. 4 + 2 \times 6 \div (3^2 \div 9)^7 \\ = 16$$

$$8. 5 \times (10 - 9)^2 \times (3 \times 1 + 1) \\ = 20$$

$$4. (3^2 \div 1 - 3 - 4) \times 9 - 8 \\ = 10$$

$$9. 10 \div \left(1^6 + (10 \times 2)^{4-4}\right) \\ = 5$$

$$5. 2 \times 6 \times (1 + 7 - 8) \div 9 + 8 \\ = 8$$

$$10. (6 \div 1 + (4 + 5) \div 9) \times 6 \div 3 \\ = 14$$

Order of Operations (J)

Perform the operations in the correct order.

1. $7 + 4 - (7 + 2 \div 2)^{3 \div 3}$

6. $9 + 8 - 1 \div (6 \div 6)^2 - 4$

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

7. $4 \times ((2 - 2) \div 2 \div (9 - 1) + 3)$

3. $6 \div (1 + 1) \times (3 + 2) \times 1 \times 1$

8. $((7 - 9 \div 9) \div 3)^{3 \div 1^2}$

4. $\left(\left((5 \times 1 - 4)^8 \right)^{3^2} \right)^3$

9. $(6 - 1 - (3 + 2)) \div (10 + 2^2)$

5. $7 - (4 \times 2 - 2) \div (3 \div (6 \div 6))$

10. $2^{4 \div 1} - (3 \div 1 + 1 \times 7)$

Order of Operations (J) Answers

Perform the operations in the correct order.

$$1. 7 + 4 - (7 + 2 \div 2)^{3 \div 3} \\ = 3$$

$$6. 9 + 8 - 1 \div (6 \div 6)^2 - 4 \\ = 12$$

$$2. (9 \div 9)^6 - (9 - (6 - 4)^3) \\ = 0$$

$$7. 4 \times ((2 - 2) \div 2 \div (9 - 1) + 3) \\ = 12$$

$$3. 6 \div (1 + 1) \times (3 + 2) \times 1 \times 1 \\ = 15$$

$$8. ((7 - 9 \div 9) \div 3)^{3 \div 1^2} \\ = 8$$

$$4. \left(\left((5 \times 1 - 4)^8 \right)^{3^2} \right)^3 \\ = 1$$

$$9. (6 - 1 - (3 + 2)) \div (10 + 2^2) \\ = 0$$

$$5. 7 - (4 \times 2 - 2) \div (3 \div (6 \div 6)) \\ = 5$$

$$10. 2^{4 \div 1} - (3 \div 1 + 1 \times 7) \\ = 6$$