Order of Operations (A)

Perform the operations in the correct order.

1. $2 \times (-7) - (10 \div (-2) + 10 \div 5 + (-7))$

2. $(2 \times 2)^{\left(\left(\left((-7+6)^5\right)^9\right)^8\right)}$

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

4. $(4+3) \times 1 \div \left((-1)^5 \times (-1)^7\right)$

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

Order of Operations (A) Answers

Perform the operations in the correct order.

1. $2 \times (-7) - (10 \div (-2) + 10 \div 5 + (-7))$
$= -4$

2. $(2 \times 2)^{\left(\left(\left((-7+6)^5\right)^9\right)^8\right)}$
$= 4$

3. $(-1) \times (-4) \div (-1) - (-7+9)^{(-2)^2}$
$= -20$

4. $(4+3) \times 1 \div \left((-1)^5 \times (-1)^7\right)$
$= 7$

5. $3 + \left((-1)^9 \times 2 + 10 + (-9)\right)^8$
$= 4$

Order of Operations (B)

Perform the operations in the correct order.

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

2. $(10 - 7) \times \left((-6) \times 1 + (7 - 5)^3 \right)$

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

4. $(-2) \div (-1) - (6 \div (-1) + (-8) + 10 + 7)$

5. $(2 + (-3) - (-1) \times (-1))^{((-6) \div 3)^2}$

Order of Operations (B) Answers

Perform the operations in the correct order.

1. $((-2) \times 2 - (2 + (-6))) \times 4^{10 \div 5}$
   $= 0$

2. $(10 - 7) \times \left((-6) \times 1 + (7 - 5)^3\right)$
   $= 6$

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

4. $(-2) \div (-1) - (6 \div (-1) + (-8) + 10 + 7)$
   $= -1$

5. $(2 + (-3) - (-1) \times (-1))^{((-6) \div 3)^2}$
   $= 16$

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Order of Operations (C)

Perform the operations in the correct order.

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

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

3. $6 \times 1 \div (-1)^{4 \times 5 - (7+4)}$

4. $5 \times \left((-1)^8 - (-9) \div (-3)^{10 \div 5}\right)$

5. $4 - 4 \div ((-2) \div (-1)) - (-4) \div (-1) \div 2$

Order of Operations (C) Answers

Perform the operations in the correct order.

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

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

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

4. $5 \times \left((-1)^8 - (-9) \div (-3)^{10 \div 5}\right)$
   $= 10$

5. $4 - 4 \div ((-2) \div (-1)) - (-4) \div (-1) \div 2$
   $= 0$

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Order of Operations (D)

Perform the operations in the correct order.

1. $\left(1^{10+9\times1} \div (-1)^3\right)^4$

2. $10 + 8^1 - (10 \div 10)^{(-1)^6}$

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

4. $(6 \div 6)^{\left(\left(\left((4-5)^7\right)^5\right)^{10}\right)}$

5. $\left((-1)^7\right)^7 \times 10^1 \div (-1) + 3$

Order of Operations (D) Answers

Perform the operations in the correct order.

1. $\left(1^{10+9\times1}\div(-1)^3\right)^4$
   $=1$

2. $10+8^1-(10\div10)^{(-1)^6}$
   $=17$

3. $2\div(-1-9+9)^{4-(-5)}\times(-9)$
   $=18$

4. $(6\div6)^{\left(\left(\left((4-5)^7\right)^5\right)^{10}\right)}$
   $=1$

5. $\left((-1)^7\right)^7\times10^1\div(-1)+3$
   $=13$

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Order of Operations (E)

Perform the operations in the correct order.

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

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

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

4. $4 + 1 + (-4) - (-1)^3 + (-6) - 5$

5. $((5 + (-5)) \div (-8))^9 \div \left((-2)^4 - 5\right)$

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Order of Operations (E) Answers

Perform the operations in the correct order.

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

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

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

4. $4 + 1 + (-4) - (-1)^3 + (-6) - 5$
$= -9$

5. $((5 + (-5)) \div (-8))^9 \div \left((-2)^4 - 5\right)$
$= 0$

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Order of Operations (F)

Perform the operations in the correct order.

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

2. $\left((-1)^7 - 9 \right) \times 2 \times \left(1 + (-1)^7 \right)$

3. $(10+2) \div \left(2 \times (-9) \div (-3) \times (-1)^4 \right)$

4. $(-1)^{(9-(-10))\div 1} \times \left((-8) \div 8 \right)^6$

5. $2 \div 1 - (5 - 6 \div ((5-2) \div (-3)))$

Order of Operations (F) Answers

Perform the operations in the correct order.

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

2. $\left((-1)^7 - 9 \right) \times 2 \times \left(1 + (-1)^7 \right)$
   $= 0$

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

4. $(-1)^{(9-(-10)) \div 1} \times ((-8) \div 8)^6$
   $= -1$

5. $2 \div 1 - (5 - 6 \div ((5-2) \div (-3)))$
   $= -9$

Order of Operations (G)

Perform the operations in the correct order.

1. $4 - 7 - \left(4 - \left((-1)^{10} + 2\right)\right) - (-4)$

2. $-2 + (10 + 10) \div (2 \div 1)^{10 \div 10}$

3. $(-10 - (-9))^{(-2) \times (6 + (-10)) - (-4 + 7)}$

4. $1 - \left(5^{(-1)^4} + (-7) + (-2) - 2\right)$

5. $1 + 6 + 6 \times (-3) + 1^{-2 - (-8)}$

Order of Operations (G) Answers

Perform the operations in the correct order.

1. $4 - 7 - \left(4 - \left((-1)^{10} + 2\right)\right) - (-4)$
   $= 0$

2. $-2 + (10 + 10) \div (2 \div 1)^{10 \div 10}$
   $= 8$

3. $(-10 - (-9))^{(-2) \times (6 + (-10)) - (-4+7)}$
   $= -1$

4. $1 - \left(5^{(-1)^4} + (-7) + (-2) - 2\right)$
   $= 7$

5. $1 + 6 + 6 \times (-3) + 1^{-2 - (-8)}$
   $= -10$

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Order of Operations (H)

Perform the operations in the correct order.

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

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

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

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

5. $\left((-3)^{7+(-7)} + (-8) - (-8) - (-2)\right)^2$

Order of Operations (H) Answers

Perform the operations in the correct order.

1. $(-8+5+2) \times (-5) + (-8) \times 1 - 10$
$= -13$

2. $-7+4+2 \times (-1-(-7)+(-1)) \times (-1)$
$= -13$

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

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

5. $\left((-3)^{7+(-7)} + (-8) - (-8) - (-2)\right)^2$
$= 9$

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Order of Operations (I)

Perform the operations in the correct order.

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

2. $6 \times (-9) \div (-3) \div (3 \div (2 + (-5)))^8$

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

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

5. $\left(\left(9 \div \left((-3) \times 3 \div (-1)^6\right)\right)^7\right)^7$

Order of Operations (I) Answers

Perform the operations in the correct order.

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

2. $6 \times (-9) \div (-3) \div (3 \div (2 + (-5)))^8$
   $= 18$

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

4. $-8 - (-1) \times (-6) \div (-6) - 3^2 - 1$
   $= -17$

5. $\left(\left(9 \div \left((-3) \times 3 \div (-1)^6\right)\right)^7\right)^7$
   $= -1$

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Order of Operations (J)

Perform the operations in the correct order.

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

2. $2^4 \div (10 - (3 \times 5 + 3)) \times (-2)$

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

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

5. $-2 + 10 + 10 \div ((-8) \div (-1) - (-2)) + 7$

Order of Operations (J) Answers

Perform the operations in the correct order.

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

   $= -1$

2. $2^4 \div (10 - (3 \times 5 + 3)) \times (-2)$

   $= 4$

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

   $= -12$

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

   $= 1$

5. $-2 + 10 + 10 \div ((-8) \div (-1) - (-2)) + 7$

   $= 16$