

# Order of Operations (A)

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

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

Simplify each expression using the correct order of operations.

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

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

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

$$8 - 5 \times 4^2$$

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

$$3 \times (9 + (-8))^2$$

$$5 - (-4) \times (-3)^2$$

$$10 \times (-5) + (-6)^2$$

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

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

# Order of Operations (A) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (-10) \times 2 - \underline{(-7)^2} \\ & = \underline{(-10) \times 2} - 49 \\ & = \underline{(-20) - 49} \\ & = -69 \end{aligned}$$

$$\begin{aligned} & 6 \times 5 + \underline{(-4)^2} \\ & = \underline{6 \times 5} + 16 \\ & = \underline{30 + 16} \\ & = 46 \end{aligned}$$

$$\begin{aligned} & (-8) \times (-6) - \underline{(-5)^2} \\ & = \underline{(-8) \times (-6)} - 25 \\ & = \underline{48 - 25} \\ & = 23 \end{aligned}$$

$$\begin{aligned} & 8 - 5 \times \underline{4^2} \\ & = 8 - \underline{5 \times 16} \\ & = \underline{8 - 80} \\ & = -72 \end{aligned}$$

$$\begin{aligned} & \underline{2^2} \times (-9) - 9 \\ & = \underline{4 \times (-9)} - 9 \\ & = \underline{(-36) - 9} \\ & = -45 \end{aligned}$$

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

$$\begin{aligned} & 5 - (-4) \times \underline{(-3)^2} \\ & = 5 - \underline{(-4) \times 9} \\ & = \underline{5 - (-36)} \\ & = 41 \end{aligned}$$

$$\begin{aligned} & 10 \times (-5) + \underline{(-6)^2} \\ & = \underline{10 \times (-5)} + 36 \\ & = \underline{(-50) + 36} \\ & = -14 \end{aligned}$$

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

$$\begin{aligned} & (-7) \times (-4) + \underline{2^3} \\ & = \underline{(-7) \times (-4)} + 8 \\ & = \underline{28 + 8} \\ & = 36 \end{aligned}$$

# Order of Operations (B)

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

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

Simplify each expression using the correct order of operations.

$$(7 - 5)^3 \times (-4)$$

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

$$7 \times 9 - 5^2$$

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

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

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

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

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

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

$$(-9) \times ((-7) + 4^2)$$

# Order of Operations (B) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{(7-5)}^3 \times (-4) \\ & = \underline{2^3} \times (-4) \\ & = \underline{8 \times (-4)} \\ & = \underline{-32} \end{aligned}$$

$$\begin{aligned} & \underline{6^2} + (-6) \times (-7) \\ & = 36 + \underline{(-6) \times (-7)} \\ & = \underline{36 + 42} \\ & = \underline{78} \end{aligned}$$

$$\begin{aligned} & 7 \times 9 - \underline{5^2} \\ & = \underline{7 \times 9} - 25 \\ & = \underline{63 - 25} \\ & = \underline{38} \end{aligned}$$

$$\begin{aligned} & 5 \times \underline{((-4) + 6)}^2 \\ & = 5 \times \underline{2^2} \\ & = \underline{5 \times 4} \\ & = \underline{20} \end{aligned}$$

$$\begin{aligned} & \underline{(-2)^2} \times 10 + 8 \\ & = \underline{4 \times 10} + 8 \\ & = \underline{40 + 8} \\ & = \underline{48} \end{aligned}$$

$$\begin{aligned} & \underline{(2-6)^2} \times (-5) \\ & = \underline{(-4)^2} \times (-5) \\ & = \underline{16 \times (-5)} \\ & = \underline{-80} \end{aligned}$$

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

$$\begin{aligned} & \underline{3^3} + (-5) \times 9 \\ & = 27 + \underline{(-5) \times 9} \\ & = \underline{27 + (-45)} \\ & = \underline{-18} \end{aligned}$$

$$\begin{aligned} & 10 \times (\underline{2^3} + (-5)) \\ & = 10 \times \underline{(8 + (-5))} \\ & = \underline{10 \times 3} \\ & = \underline{30} \end{aligned}$$

$$\begin{aligned} & (-9) \times ((-7) + \underline{4^2}) \\ & = (-9) \times \underline{((-7) + 16)} \\ & = \underline{(-9) \times 9} \\ & = \underline{-81} \end{aligned}$$

# Order of Operations (C)

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

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

Simplify each expression using the correct order of operations.

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

$$(-4)^2 + 7 \times (-6)$$

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

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

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

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

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

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

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

$$5 \times (-8) + 9^2$$

# Order of Operations (C) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{(-2)^3} \div (-4) + 3 \\ & = \underline{(-8) \div (-4)} + 3 \\ & = \underline{2 + 3} \\ & = 5 \end{aligned}$$

$$\begin{aligned} & \underline{(-4)^2} + 7 \times (-6) \\ & = 16 + \underline{7 \times (-6)} \\ & = \underline{16 + (-42)} \\ & = -26 \end{aligned}$$

$$\begin{aligned} & (-2) \times \underline{3^2} - (-5) \\ & = \underline{(-2) \times 9} - (-5) \\ & = \underline{(-18) - (-5)} \\ & = -13 \end{aligned}$$

$$\begin{aligned} & 8 \times (-2) - \underline{(-4)^2} \\ & = \underline{8 \times (-2)} - 16 \\ & = \underline{(-16) - 16} \\ & = -32 \end{aligned}$$

$$\begin{aligned} & 8 \times ((-6) + \underline{2^2}) \\ & = 8 \times \underline{((-6) + 4)} \\ & = \underline{8 \times (-2)} \\ & = -16 \end{aligned}$$

$$\begin{aligned} & \underline{(-2)^3} \times 10 - 3 \\ & = \underline{(-8) \times 10} - 3 \\ & = \underline{(-80) - 3} \\ & = -83 \end{aligned}$$

$$\begin{aligned} & 5 \times (7 + \underline{(-2)^3}) \\ & = 5 \times \underline{(7 + (-8))} \\ & = \underline{5 \times (-1)} \\ & = -5 \end{aligned}$$

$$\begin{aligned} & 6 + \underline{3^2} \times (-4) \\ & = 6 + \underline{9 \times (-4)} \\ & = \underline{6 + (-36)} \\ & = -30 \end{aligned}$$

$$\begin{aligned} & \underline{5^2} - (-7) \times 3 \\ & = 25 - \underline{(-7) \times 3} \\ & = \underline{25 - (-21)} \\ & = 46 \end{aligned}$$

$$\begin{aligned} & 5 \times (-8) + \underline{9^2} \\ & = \underline{5 \times (-8)} + 81 \\ & = \underline{(-40) + 81} \\ & = 41 \end{aligned}$$

# Order of Operations (D)

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

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

Simplify each expression using the correct order of operations.

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

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

$$(-3)^3 - (-8) \times 4$$

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

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

$$(-4) \times ((-9) + 2^3)$$

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

$$8^2 - (-5) \times (-7)$$

$$(-7) \times ((-5) - (-6))^3$$

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

# Order of Operations (D) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} &(-2) \times (9 - \underline{3^2}) \\ &= (-2) \times (\underline{9 - 9}) \\ &= \underline{(-2) \times 0} \\ &= 0 \end{aligned}$$

$$\begin{aligned} &(\underline{3 - 2}) \times (-7)^2 \\ &= 1 \times \underline{(-7)^2} \\ &= \underline{1 \times 49} \\ &= 49 \end{aligned}$$

$$\begin{aligned} &\underline{(-3)^3} - (-8) \times 4 \\ &= (-27) - \underline{(-8) \times 4} \\ &= \underline{(-27) - (-32)} \\ &= 5 \end{aligned}$$

$$\begin{aligned} &(-4) \times ((-8) + \underline{3^3}) \\ &= (-4) \times (\underline{(-8) + 27}) \\ &= \underline{(-4) \times 19} \\ &= -76 \end{aligned}$$

$$\begin{aligned} &(\underline{(-4)^2} - 2) \times (-3) \\ &= (\underline{16 - 2}) \times (-3) \\ &= \underline{14 \times (-3)} \\ &= -42 \end{aligned}$$

$$\begin{aligned} &(-4) \times ((-9) + \underline{2^3}) \\ &= (-4) \times (\underline{(-9) + 8}) \\ &= \underline{(-4) \times (-1)} \\ &= 4 \end{aligned}$$

$$\begin{aligned} &8 - (-3) \times \underline{(-5)^2} \\ &= 8 - \underline{(-3) \times 25} \\ &= \underline{8 - (-75)} \\ &= 83 \end{aligned}$$

$$\begin{aligned} &\underline{8^2} - (-5) \times (-7) \\ &= 64 - \underline{(-5) \times (-7)} \\ &= \underline{64 - 35} \\ &= 29 \end{aligned}$$

$$\begin{aligned} &(-7) \times (\underline{(-5) - (-6)})^3 \\ &= (-7) \times \underline{1^3} \\ &= \underline{(-7) \times 1} \\ &= -7 \end{aligned}$$

$$\begin{aligned} &\underline{(-5)^2} + 5 \times 9 \\ &= 25 + \underline{5 \times 9} \\ &= \underline{25 + 45} \\ &= 70 \end{aligned}$$

# Order of Operations (E)

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

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

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

$$(-10) + (-9) \times (-2)^2$$

$$((-9) + 8) \times 5^2$$

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

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

# Order of Operations (E) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} &(-10) + (-8) \times \underline{(-2)^2} \\ &= (-10) + \underline{(-8) \times 4} \\ &= \underline{(-10) + (-32)} \\ &= -42 \end{aligned}$$

$$\begin{aligned} &(-2) \times 6 + \underline{(-6)^2} \\ &= \underline{(-2) \times 6} + 36 \\ &= \underline{(-12) + 36} \\ &= 24 \end{aligned}$$

$$\begin{aligned} &\underline{((-6) - 4)^2} \div (-4) \\ &= \underline{(-10)^2} \div (-4) \\ &= \underline{100 \div (-4)} \\ &= -25 \end{aligned}$$

$$\begin{aligned} &(-8) \times \left( \underline{(-2)^2} - (-3) \right) \\ &= (-8) \times \left( \underline{4 - (-3)} \right) \\ &= \underline{(-8) \times 7} \\ &= -56 \end{aligned}$$

$$\begin{aligned} &(-10) \times \underline{(-2)^2} + (-3) \\ &= \underline{(-10) \times 4} + (-3) \\ &= \underline{(-40) + (-3)} \\ &= -43 \end{aligned}$$

$$\begin{aligned} &7 + \underline{3^2} \times 4 \\ &= 7 + \underline{9 \times 4} \\ &= \underline{7 + 36} \\ &= 43 \end{aligned}$$

$$\begin{aligned} &(-10) + (-9) \times \underline{(-2)^2} \\ &= (-10) + \underline{(-9) \times 4} \\ &= \underline{(-10) + (-36)} \\ &= -46 \end{aligned}$$

$$\begin{aligned} &\underline{((-9) + 8)} \times 5^2 \\ &= (-1) \times \underline{5^2} \\ &= \underline{(-1) \times 25} \\ &= -25 \end{aligned}$$

$$\begin{aligned} &(-8) \times 5 - \underline{(-4)^2} \\ &= \underline{(-8) \times 5} - 16 \\ &= \underline{(-40) - 16} \\ &= -56 \end{aligned}$$

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

# Order of Operations (F)

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

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

Simplify each expression using the correct order of operations.

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

$$(5 + (-5))^3 \div (-10)$$

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

$$(-2)^3 - (-4) \times (-10)$$

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

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

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

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

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

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

# Order of Operations (F) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 2^2 + (-4) \times 10 \\ & = 4 + \underline{(-4) \times 10} \\ & = \underline{4 + (-40)} \\ & = -36 \end{aligned}$$

$$\begin{aligned} & (5 + (-5))^3 \div (-10) \\ & = \underline{0^3} \div (-10) \\ & = \underline{0 \div (-10)} \\ & = 0 \end{aligned}$$

$$\begin{aligned} & (-5)^2 - (-2) \times (-3) \\ & = 25 - \underline{(-2) \times (-3)} \\ & = \underline{25 - 6} \\ & = 19 \end{aligned}$$

$$\begin{aligned} & (-2)^3 - (-4) \times (-10) \\ & = (-8) - \underline{(-4) \times (-10)} \\ & = \underline{(-8) - 40} \\ & = -48 \end{aligned}$$

$$\begin{aligned} & 5 + 2^2 \times (-9) \\ & = 5 + \underline{4 \times (-9)} \\ & = \underline{5 + (-36)} \\ & = -31 \end{aligned}$$

$$\begin{aligned} & 10 \times (-10) + (-4)^2 \\ & = \underline{10 \times (-10)} + 16 \\ & = \underline{(-100) + 16} \\ & = -84 \end{aligned}$$

$$\begin{aligned} & 5 \times (3^3 + (-10)) \\ & = 5 \times \underline{(27 + (-10))} \\ & = \underline{5 \times 17} \\ & = 85 \end{aligned}$$

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

$$\begin{aligned} & (10 - (-4)^2) \div (-6) \\ & = \underline{(10 - 16)} \div (-6) \\ & = \underline{(-6) \div (-6)} \\ & = 1 \end{aligned}$$

$$\begin{aligned} & 2^3 + 5 \div (-5) \\ & = 8 + \underline{5 \div (-5)} \\ & = \underline{8 + (-1)} \\ & = 7 \end{aligned}$$

# Order of Operations (G)

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

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

Simplify each expression using the correct order of operations.

$$4^2 - (-10) \times 5$$

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

$$((-9) + 7^2) \div 10$$

$$(-6)^2 \div ((-9) - (-10))$$

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

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

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

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

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

$$(-7)^2 \times (6 + (-4))$$

# Order of Operations (G) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 4^2 - (-10) \times 5 \\ & = 16 - \underline{(-10) \times 5} \\ & = \underline{16 - (-50)} \\ & = 66 \end{aligned}$$

$$\begin{aligned} & (-2) \times (-4) + 9^2 \\ & = \underline{(-2) \times (-4)} + 81 \\ & = \underline{8 + 81} \\ & = 89 \end{aligned}$$

$$\begin{aligned} & ((-9) + 7^2) \div 10 \\ & = \underline{((-9) + 49)} \div 10 \\ & = \underline{40 \div 10} \\ & = 4 \end{aligned}$$

$$\begin{aligned} & (-6)^2 \div \underline{((-9) - (-10))} \\ & = \underline{(-6)^2} \div 1 \\ & = \underline{36 \div 1} \\ & = 36 \end{aligned}$$

$$\begin{aligned} & 8^2 \div \underline{(6 - 4)} \\ & = \underline{8^2} \div 2 \\ & = \underline{64 \div 2} \\ & = 32 \end{aligned}$$

$$\begin{aligned} & 2 \times \underline{(-2)^2} + 9 \\ & = \underline{2 \times 4} + 9 \\ & = \underline{8 + 9} \\ & = 17 \end{aligned}$$

$$\begin{aligned} & \underline{(10 - 7)^2} \times (-2) \\ & = \underline{3^2} \times (-2) \\ & = \underline{9 \times (-2)} \\ & = -18 \end{aligned}$$

$$\begin{aligned} & \underline{(-2)^3} + 5 \times 10 \\ & = (-8) + \underline{5 \times 10} \\ & = \underline{(-8) + 50} \\ & = 42 \end{aligned}$$

$$\begin{aligned} & ((-7) + 7^2) \div 3 \\ & = \underline{((-7) + 49)} \div 3 \\ & = \underline{42 \div 3} \\ & = 14 \end{aligned}$$

$$\begin{aligned} & (-7)^2 \times \underline{(6 + (-4))} \\ & = \underline{(-7)^2} \times 2 \\ & = \underline{49 \times 2} \\ & = 98 \end{aligned}$$

# Order of Operations (H)

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

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

Simplify each expression using the correct order of operations.

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

$$7^2 \div (-7) + (-8)$$

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

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

$$(-2)^3 \times (5 - 4)$$

$$10^2 \times ((-5) - (-4))$$

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

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

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

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

# Order of Operations (H) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{7^2} - (-4) \times 9 \\ & = 49 - \underline{(-4) \times 9} \\ & = \underline{49 - (-36)} \\ & = 85 \end{aligned}$$

$$\begin{aligned} & \underline{7^2} \div (-7) + (-8) \\ & = \underline{49 \div (-7)} + (-8) \\ & = \underline{(-7) + (-8)} \\ & = -15 \end{aligned}$$

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

$$\begin{aligned} & \underline{(-4)^3} \div 8 + (-2) \\ & = \underline{(-64) \div 8} + (-2) \\ & = \underline{(-8) + (-2)} \\ & = -10 \end{aligned}$$

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

$$\begin{aligned} & 10^2 \times \underline{((-5) - (-4))} \\ & = \underline{10^2} \times (-1) \\ & = \underline{100 \times (-1)} \\ & = -100 \end{aligned}$$

$$\begin{aligned} & \underline{7^2} + (-2) \times 10 \\ & = 49 + \underline{(-2) \times 10} \\ & = \underline{49 + (-20)} \\ & = 29 \end{aligned}$$

$$\begin{aligned} & 6 \times \underline{2^3} - (-4) \\ & = \underline{6 \times 8} - (-4) \\ & = \underline{48 - (-4)} \\ & = 52 \end{aligned}$$

$$\begin{aligned} & \underline{(8 + (-4))}^2 \times 2 \\ & = \underline{4^2} \times 2 \\ & = \underline{16 \times 2} \\ & = 32 \end{aligned}$$

$$\begin{aligned} & 4 \times 6 - \underline{(-4)^3} \\ & = \underline{4 \times 6} - (-64) \\ & = \underline{24 - (-64)} \\ & = 88 \end{aligned}$$

# Order of Operations (I)

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

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

Simplify each expression using the correct order of operations.

$$((-7) - (-5))^3 \div 4$$

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

$$9 \div 3 - (-9)^2$$

$$(-7)^2 - (-10) \times (-3)$$

$$(-8) \times (-9) + (-3)^3$$

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

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

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

$$(-4)^3 - (-6) \div 3$$

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

# Order of Operations (I) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \left( \underline{(-7) - (-5)} \right)^3 \div 4 \\ & = \underline{(-2)^3} \div 4 \\ & = \underline{(-8) \div 4} \\ & = -2 \end{aligned}$$

$$\begin{aligned} & (\underline{4^2} - 8) \times (-9) \\ & = \underline{(16 - 8)} \times (-9) \\ & = \underline{8 \times (-9)} \\ & = -72 \end{aligned}$$

$$\begin{aligned} & 9 \div 3 - \underline{(-9)^2} \\ & = \underline{9 \div 3} - 81 \\ & = \underline{3 - 81} \\ & = -78 \end{aligned}$$

$$\begin{aligned} & \underline{(-7)^2} - (-10) \times (-3) \\ & = 49 - \underline{(-10) \times (-3)} \\ & = \underline{49 - 30} \\ & = 19 \end{aligned}$$

$$\begin{aligned} & (-8) \times (-9) + \underline{(-3)^3} \\ & = \underline{(-8) \times (-9)} + (-27) \\ & = \underline{72 + (-27)} \\ & = 45 \end{aligned}$$

$$\begin{aligned} & (-2) \times \underline{2^2} - 4 \\ & = \underline{(-2) \times 4} - 4 \\ & = \underline{(-8) - 4} \\ & = -12 \end{aligned}$$

$$\begin{aligned} & (-8) \times \left( \underline{(-3)^2} + (-10) \right) \\ & = (-8) \times \left( \underline{9 + (-10)} \right) \\ & = \underline{(-8) \times (-1)} \\ & = 8 \end{aligned}$$

$$\begin{aligned} & 4 - \underline{(-3)^3} \times 3 \\ & = 4 - \underline{(-27) \times 3} \\ & = \underline{4 - (-81)} \\ & = 85 \end{aligned}$$

$$\begin{aligned} & \underline{(-4)^3} - (-6) \div 3 \\ & = (-64) - \underline{(-6) \div 3} \\ & = \underline{(-64) - (-2)} \\ & = -62 \end{aligned}$$

$$\begin{aligned} & (\underline{3^3} + (-7)) \times (-2) \\ & = \left( \underline{27 + (-7)} \right) \times (-2) \\ & = \underline{20 \times (-2)} \\ & = -40 \end{aligned}$$

# Order of Operations (J)

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

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

Simplify each expression using the correct order of operations.

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

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

$$2^3 - (-9) \times (-7)$$

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

$$(-5) \times 7 + 6^2$$

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

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

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

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

$$(-7) \times (8 - 10)^3$$

# Order of Operations (J) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{4^2} \times (-3) + 6 \\ & = \underline{16 \times (-3)} + 6 \\ & = \underline{(-48) + 6} \\ & = -42 \end{aligned}$$

$$\begin{aligned} & (-4) + 7 \times \underline{2^3} \\ & = (-4) + \underline{7 \times 8} \\ & = \underline{(-4) + 56} \\ & = 52 \end{aligned}$$

$$\begin{aligned} & \underline{2^3} - (-9) \times (-7) \\ & = 8 - \underline{(-9) \times (-7)} \\ & = \underline{8 - 63} \\ & = -55 \end{aligned}$$

$$\begin{aligned} & (-2)^3 \times \underline{((-5) + (-4))} \\ & = \underline{(-2)^3} \times (-9) \\ & = \underline{(-8) \times (-9)} \\ & = 72 \end{aligned}$$

$$\begin{aligned} & (-5) \times 7 + \underline{6^2} \\ & = \underline{(-5) \times 7} + 36 \\ & = \underline{(-35) + 36} \\ & = 1 \end{aligned}$$

$$\begin{aligned} & (-8) \div \underline{2^3} - (-5) \\ & = \underline{(-8) \div 8} - (-5) \\ & = \underline{(-1) - (-5)} \\ & = 4 \end{aligned}$$

$$\begin{aligned} & (-3) \times (-4) - \underline{2^2} \\ & = \underline{(-3) \times (-4)} - 4 \\ & = \underline{12 - 4} \\ & = 8 \end{aligned}$$

$$\begin{aligned} & 3 \times \underline{((-8) - (-2)^2)} \\ & = 3 \times \underline{((-8) - 4)} \\ & = \underline{3 \times (-12)} \\ & = -36 \end{aligned}$$

$$\begin{aligned} & (-2)^2 \times \underline{(2 + (-7))} \\ & = \underline{(-2)^2} \times (-5) \\ & = \underline{4 \times (-5)} \\ & = -20 \end{aligned}$$

$$\begin{aligned} & (-7) \times \underline{(8 - 10)^3} \\ & = (-7) \times \underline{(-2)^3} \\ & = \underline{(-7) \times (-8)} \\ & = 56 \end{aligned}$$