

# Order of Operations (D)

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

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

Solve each expression using the correct order of operations.

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

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

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

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

$$(-7)^2 - 8 + 4 \div (-4)$$

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

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

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

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

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

# Order of Operations (D) Answers

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

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

Solve each expression using the correct order of operations.

$$\begin{aligned} & 9 \times ((-3) + 4 - (-2)^2) \\ &= 9 \times ((-3) + 4 - 4) \\ &= 9 \times (1 - 4) \\ &= 9 \times (-3) \\ &= -27 \end{aligned}$$

$$\begin{aligned} & 2^2 \times (-10) - 5 + (-5) \\ &= 4 \times (-10) - 5 + (-5) \\ &= (-40) - 5 + (-5) \\ &= (-45) + (-5) \\ &= -50 \end{aligned}$$

$$\begin{aligned} & (-7)^2 - 8 + 4 \div (-4) \\ &= 49 - 8 + 4 \div (-4) \\ &= 49 - 8 + (-1) \\ &= 41 + (-1) \\ &= 40 \end{aligned}$$

$$\begin{aligned} & (-2) + 2^3 - 9 \times (-4) \\ &= (-2) + 8 - 9 \times (-4) \\ &= (-2) + 8 - (-36) \\ &= 6 - (-36) \\ &= 42 \end{aligned}$$

$$\begin{aligned} & (-6) \times ((-5) + (-9) - (-2)^3) \\ &= (-6) \times ((-5) + (-9) - (-8)) \\ &= (-6) \times ((-14) - (-8)) \\ &= (-6) \times (-6) \\ &= 36 \end{aligned}$$

$$\begin{aligned} & (-2)^2 \div (-4) + 4 \times 9 \\ &= 4 \div (-4) + 4 \times 9 \\ &= (-1) + 4 \times 9 \\ &= (-1) + 36 \\ &= 35 \end{aligned}$$

$$\begin{aligned} & (-7) - 5^2 + (-6) \times (-8) \\ &= (-7) - 25 + (-6) \times (-8) \\ &= (-7) - 25 + 48 \\ &= (-32) + 48 \\ &= 16 \end{aligned}$$

$$\begin{aligned} & (-4)^2 \times 6 + 3 - 4 \\ &= 16 \times 6 + 3 - 4 \\ &= 96 + 3 - 4 \\ &= 99 - 4 \\ &= 95 \end{aligned}$$

$$\begin{aligned} & (-3) - 3^2 \times 2 + 4 \\ &= (-3) - 9 \times 2 + 4 \\ &= (-3) - 18 + 4 \\ &= (-21) + 4 \\ &= -17 \end{aligned}$$

$$\begin{aligned} & 6 \times 3 - (-9) + 7^2 \\ &= 6 \times 3 - (-9) + 49 \\ &= 18 - (-9) + 49 \\ &= 27 + 49 \\ &= 76 \end{aligned}$$