

# 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.

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

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

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

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

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

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

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

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

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

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