

# Order of Operations (A)

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

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

Solve each expression using the correct order of operations.

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

$$3 \times 10 + 8 - 4^2$$

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

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

$$8 \div (-4) \times (-6)^2 + 7$$

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

$$10 \times 5 - (-6)^2 + (-8)$$

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

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

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

# Order of Operations (A) Answers

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

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

Solve each expression using the correct order of operations.

$$\begin{aligned} & (-5)^2 - 2 \times (-9) + 6 \\ & = 25 - 2 \times (-9) + 6 \\ & = 25 - (-18) + 6 \\ & = 43 + 6 \\ & = 49 \end{aligned}$$

$$\begin{aligned} & 3 \times 10 + 8 - 4^2 \\ & = 3 \times 10 + 8 - 16 \\ & = 30 + 8 - 16 \\ & = 38 - 16 \\ & = 22 \end{aligned}$$

$$\begin{aligned} & (-9) - (-8) + 2 \times 4^2 \\ & = (-9) - (-8) + 2 \times 16 \\ & = (-9) - (-8) + 32 \\ & = (-1) + 32 \\ & = 31 \end{aligned}$$

$$\begin{aligned} & (-3)^3 - 2 + 8 \div (-8) \\ & = (-27) - 2 + 8 \div (-8) \\ & = (-27) - 2 + (-1) \\ & = (-29) + (-1) \\ & = -30 \end{aligned}$$

$$\begin{aligned} & 8 \div (-4) \times (-6)^2 + 7 \\ & = 8 \div (-4) \times 36 + 7 \\ & = (-2) \times 36 + 7 \\ & = (-72) + 7 \\ & = -65 \end{aligned}$$

$$\begin{aligned} & 4 \times (-8) + 6 - (-2)^3 \\ & = 4 \times (-8) + 6 - (-8) \\ & = (-32) + 6 - (-8) \\ & = (-26) - (-8) \\ & = -18 \end{aligned}$$

$$\begin{aligned} & 10 \times 5 - (-6)^2 + (-8) \\ & = 10 \times 5 - 36 + (-8) \\ & = 50 - 36 + (-8) \\ & = 14 + (-8) \\ & = 6 \end{aligned}$$

$$\begin{aligned} & (-5)^2 \times 3 \div 5 + 9 \\ & = 25 \times 3 \div 5 + 9 \\ & = 75 \div 5 + 9 \\ & = 15 + 9 \\ & = 24 \end{aligned}$$

$$\begin{aligned} & \left( \frac{10}{-5} - (-2) \right) \times (-3)^3 \\ & = \left( (-2) - (-2) \right) \times (-3)^3 \\ & = 0 \times (-3)^3 \\ & = 0 \times (-27) \\ & = 0 \end{aligned}$$

$$\begin{aligned} & 4 \times (-6) \div 8 + 3^3 \\ & = 4 \times (-6) \div 8 + 27 \\ & = (-24) \div 8 + 27 \\ & = (-3) + 27 \\ & = 24 \end{aligned}$$