

# Order of Operations (H)

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

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

Simplify each expression using the correct order of operations.

$$(8 \times 4) \div (5 + 9 - 10)$$

$$(9 - 3 + 7) \times (10 \div 2)$$

$$(8 + 10 \times 9) \div (3 - 2)$$

$$(10 \div 5) \times 6 - 2 + 9$$

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

$$(4 - 6 \div 2 + 5) \times 7$$

$$(4 \times 10) \div (7 + 9 - 6)$$

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

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

$$(9 - 4 + 5) \times 7 \div 10$$

# Order of Operations (H)

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (8 \times 4) \div (5 + 9 - 10) \\ & = 32 \div (5 + 9 - 10) \\ & = 32 \div (14 - 10) \\ & = \underline{32 \div 4} \\ & = 8 \end{aligned}$$

$$\begin{aligned} & (9 - 3 + 7) \times (10 \div 2) \\ & = (6 + 7) \times (10 \div 2) \\ & = 13 \times (10 \div 2) \\ & = \underline{13 \times 5} \\ & = 65 \end{aligned}$$

$$\begin{aligned} & (8 + 10 \times 9) \div (3 - 2) \\ & = (8 + 90) \div (3 - 2) \\ & = 98 \div (3 - 2) \\ & = \underline{98 \div 1} \\ & = 98 \end{aligned}$$

$$\begin{aligned} & (10 \div 5) \times 6 - 2 + 9 \\ & = 2 \times 6 - 2 + 9 \\ & = \underline{12 - 2} + 9 \\ & = \underline{10 + 9} \\ & = 19 \end{aligned}$$

$$\begin{aligned} & 3 + 8 \times (6 - 5) \div 2 \\ & = 3 + 8 \times 1 \div 2 \\ & = 3 + \underline{8 \div 2} \\ & = \underline{3 + 4} \\ & = 7 \end{aligned}$$

$$\begin{aligned} & (4 - 6 \div 2 + 5) \times 7 \\ & = (4 - 3 + 5) \times 7 \\ & = (1 + 5) \times 7 \\ & = \underline{6 \times 7} \\ & = 42 \end{aligned}$$

$$\begin{aligned} & (4 \times 10) \div (7 + 9 - 6) \\ & = 40 \div (7 + 9 - 6) \\ & = 40 \div (16 - 6) \\ & = \underline{40 \div 10} \\ & = 4 \end{aligned}$$

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

$$\begin{aligned} & 7 + 9 - 2 \times (6 \div 3) \\ & = 7 + 9 - 2 \times 2 \\ & = \underline{7 + 9} - 4 \\ & = \underline{16 - 4} \\ & = 12 \end{aligned}$$

$$\begin{aligned} & (9 - 4 + 5) \times 7 \div 10 \\ & = (5 + 5) \times 7 \div 10 \\ & = \underline{10 \times 7} \div 10 \\ & = \underline{70 \div 10} \\ & = 7 \end{aligned}$$