

Order of Operations (H)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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