

Order of Operations (H)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$9 + 6 \times 4 \times 3$

$2 \times (9 + 5 + 3)$

$(3 + 8 \times 2) \times 5$

$6 \times 4 + 5 + 7$

$6 \times 9 + 2 + 8$

$9 + 4 \times 3 + 5$

$4 + 10 \times 5 + 8$

$2 + 8 \times 4 + 5$

$3 + 7 \times 9 + 5$

$(8 + 10) \times 3 + 6$

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$$\begin{aligned} &9 + \underline{6 \times 4} \times 3 \\ &= 9 + \underline{24 \times 3} \\ &= \underline{9 + 72} \\ &= 81 \end{aligned}$$

$$\begin{aligned} &2 \times (\underline{9 + 5} + 3) \\ &= 2 \times (\underline{14 + 3}) \\ &= \underline{2 \times 17} \\ &= 34 \end{aligned}$$

$$\begin{aligned} &(3 + \underline{8 \times 2}) \times 5 \\ &= (\underline{3 + 16}) \times 5 \\ &= \underline{19 \times 5} \\ &= 95 \end{aligned}$$

$$\begin{aligned} &\underline{6 \times 4} + 5 + 7 \\ &= \underline{24 + 5} + 7 \\ &= \underline{29 + 7} \\ &= 36 \end{aligned}$$

$$\begin{aligned} &\underline{6 \times 9} + 2 + 8 \\ &= \underline{54 + 2} + 8 \\ &= \underline{56 + 8} \\ &= 64 \end{aligned}$$

$$\begin{aligned} &9 + \underline{4 \times 3} + 5 \\ &= \underline{9 + 12} + 5 \\ &= \underline{21 + 5} \\ &= 26 \end{aligned}$$

$$\begin{aligned} &4 + \underline{10 \times 5} + 8 \\ &= \underline{4 + 50} + 8 \\ &= \underline{54 + 8} \\ &= 62 \end{aligned}$$

$$\begin{aligned} &2 + \underline{8 \times 4} + 5 \\ &= \underline{2 + 32} + 5 \\ &= \underline{34 + 5} \\ &= 39 \end{aligned}$$

$$\begin{aligned} &3 + \underline{7 \times 9} + 5 \\ &= \underline{3 + 63} + 5 \\ &= \underline{66 + 5} \\ &= 71 \end{aligned}$$

$$\begin{aligned} &(\underline{8 + 10}) \times 3 + 6 \\ &= \underline{18 \times 3} + 6 \\ &= \underline{54 + 6} \\ &= 60 \end{aligned}$$