

# Order of Operations (D)

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

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

Simplify each expression using the correct order of operations.

$3 \times 10 + 8 + 7$

$7 \times 5 + 2 \times 6$

$3 \times (6 + 4 + 2)$

$10 \times 4 + 8 \times 2$

$3 + 2 \times 7 \times 5$

$(3 + 2 \times 5) \times 7$

$7 + 9 \times 5 + 8$

$7 \times (4 + 2 + 3)$

$8 + 9 \times 6 + 10$

$7 + 3 \times 10 + 6$

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Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{3 \times 10} + 8 + 7 \\ & = \underline{30 + 8} + 7 \\ & = \underline{38 + 7} \\ & = 45 \end{aligned}$$

$$\begin{aligned} & \underline{7 \times 5} + 2 \times 6 \\ & = 35 + \underline{2 \times 6} \\ & = \underline{35 + 12} \\ & = 47 \end{aligned}$$

$$\begin{aligned} & 3 \times (\underline{6 + 4} + 2) \\ & = 3 \times (\underline{10 + 2}) \\ & = \underline{3 \times 12} \\ & = 36 \end{aligned}$$

$$\begin{aligned} & \underline{10 \times 4} + 8 \times 2 \\ & = 40 + \underline{8 \times 2} \\ & = \underline{40 + 16} \\ & = 56 \end{aligned}$$

$$\begin{aligned} & 3 + \underline{2 \times 7} \times 5 \\ & = 3 + \underline{14 \times 5} \\ & = \underline{3 + 70} \\ & = 73 \end{aligned}$$

$$\begin{aligned} & (3 + \underline{2 \times 5}) \times 7 \\ & = (\underline{3 + 10}) \times 7 \\ & = \underline{13 \times 7} \\ & = 91 \end{aligned}$$

$$\begin{aligned} & 7 + \underline{9 \times 5} + 8 \\ & = \underline{7 + 45} + 8 \\ & = \underline{52 + 8} \\ & = 60 \end{aligned}$$

$$\begin{aligned} & 7 \times (\underline{4 + 2} + 3) \\ & = 7 \times (\underline{6 + 3}) \\ & = \underline{7 \times 9} \\ & = 63 \end{aligned}$$

$$\begin{aligned} & 8 + \underline{9 \times 6} + 10 \\ & = \underline{8 + 54} + 10 \\ & = \underline{62 + 10} \\ & = 72 \end{aligned}$$

$$\begin{aligned} & 7 + \underline{3 \times 10} + 6 \\ & = \underline{7 + 30} + 6 \\ & = \underline{37 + 6} \\ & = 43 \end{aligned}$$