

# Order of Operations (D)

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

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

Simplify each expression using the correct order of operations.

$$(8 - 3) \times (7 + 4 - 6)$$

$$(5 + 8 - 10) \times (9 + 3)$$

$$(10 + 4 - 6) \times (5 + 2)$$

$$5 \times (2 + 8 - 4 + 3)$$

$$(10 + 3) \times 7 - 5 - 8$$

$$(7 + 5) \times 4 - 3 - 9$$

$$3 \times (7 - 4 + 2 - 5)$$

$$(10 - 4 + 9) \times (2 + 3)$$

$$(7 - 4 + 6) \times (10 - 3)$$

$$(2 + 10 - 4) \times (9 - 3)$$

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$$\begin{aligned} & (8 - 3) \times (7 + 4 - 6) \\ &= 5 \times (7 + 4 - 6) \\ &= 5 \times (11 - 6) \\ &= \underline{5 \times 5} \\ &= 25 \end{aligned}$$

$$\begin{aligned} & (5 + 8 - 10) \times (9 + 3) \\ &= (13 - 10) \times (9 + 3) \\ &= 3 \times (9 + 3) \\ &= \underline{3 \times 12} \\ &= 36 \end{aligned}$$

$$\begin{aligned} & (10 + 4 - 6) \times (5 + 2) \\ &= (14 - 6) \times (5 + 2) \\ &= 8 \times (5 + 2) \\ &= \underline{8 \times 7} \\ &= 56 \end{aligned}$$

$$\begin{aligned} & 5 \times (2 + 8 - 4 + 3) \\ &= 5 \times (10 - 4 + 3) \\ &= 5 \times (6 + 3) \\ &= \underline{5 \times 9} \\ &= 45 \end{aligned}$$

$$\begin{aligned} & (10 + 3) \times 7 - 5 - 8 \\ &= \underline{13 \times 7} - 5 - 8 \\ &= \underline{91 - 5} - 8 \\ &= \underline{86 - 8} \\ &= 78 \end{aligned}$$

$$\begin{aligned} & (7 + 5) \times 4 - 3 - 9 \\ &= \underline{12 \times 4} - 3 - 9 \\ &= \underline{48 - 3} - 9 \\ &= \underline{45 - 9} \\ &= 36 \end{aligned}$$

$$\begin{aligned} & 3 \times (7 - 4 + 2 - 5) \\ &= 3 \times (3 + 2 - 5) \\ &= 3 \times (5 - 5) \\ &= \underline{3 \times 0} \\ &= 0 \end{aligned}$$

$$\begin{aligned} & (10 - 4 + 9) \times (2 + 3) \\ &= (6 + 9) \times (2 + 3) \\ &= 15 \times (2 + 3) \\ &= \underline{15 \times 5} \\ &= 75 \end{aligned}$$

$$\begin{aligned} & (7 - 4 + 6) \times (10 - 3) \\ &= (3 + 6) \times (10 - 3) \\ &= 9 \times (10 - 3) \\ &= \underline{9 \times 7} \\ &= 63 \end{aligned}$$

$$\begin{aligned} & (2 + 10 - 4) \times (9 - 3) \\ &= (12 - 4) \times (9 - 3) \\ &= 8 \times (9 - 3) \\ &= \underline{8 \times 6} \\ &= 48 \end{aligned}$$