

Order of Operations (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$5 \times (9 + 4 - 10 + 3)$$

$$6 \times (10 + 3 - 9 + 2)$$

$$(4 + 8) \times 2 - 10 - 9$$

$$(3 - 2) \times (5 + 8 - 10)$$

$$(5 + 6 - 3) \times 2 + 7$$

$$(3 + 10) \times (6 - 5 + 2)$$

$$(10 - 8) \times 6 + 7 - 9$$

$$5 + 10 \times (8 - 6 + 7)$$

$$(9 - 6) \times (7 + 10 + 2)$$

$$(3 + 10 - 7) \times 4 - 9$$

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$$\begin{aligned} &5 \times (9 + 4 - 10 + 3) \\ &= 5 \times (13 - 10 + 3) \\ &= 5 \times (3 + 3) \\ &= \underline{5 \times 6} \\ &= 30 \end{aligned}$$

$$\begin{aligned} &6 \times (10 + 3 - 9 + 2) \\ &= 6 \times (13 - 9 + 2) \\ &= 6 \times (4 + 2) \\ &= \underline{6 \times 6} \\ &= 36 \end{aligned}$$

$$\begin{aligned} &(4 + 8) \times 2 - 10 - 9 \\ &= \underline{12 \times 2} - 10 - 9 \\ &= \underline{24 - 10} - 9 \\ &= \underline{14 - 9} \\ &= 5 \end{aligned}$$

$$\begin{aligned} &(3 - 2) \times (5 + 8 - 10) \\ &= 1 \times (5 + 8 - 10) \\ &= 1 \times (13 - 10) \\ &= \underline{1 \times 3} \\ &= 3 \end{aligned}$$

$$\begin{aligned} &(5 + 6 - 3) \times 2 + 7 \\ &= (11 - 3) \times 2 + 7 \\ &= \underline{8 \times 2} + 7 \\ &= \underline{16 + 7} \\ &= 23 \end{aligned}$$

$$\begin{aligned} &(3 + 10) \times (6 - 5 + 2) \\ &= 13 \times (6 - 5 + 2) \\ &= 13 \times (1 + 2) \\ &= \underline{13 \times 3} \\ &= 39 \end{aligned}$$

$$\begin{aligned} &(10 - 8) \times 6 + 7 - 9 \\ &= \underline{2 \times 6} + 7 - 9 \\ &= \underline{12 + 7} - 9 \\ &= \underline{19 - 9} \\ &= 10 \end{aligned}$$

$$\begin{aligned} &5 + 10 \times (8 - 6 + 7) \\ &= 5 + 10 \times (2 + 7) \\ &= 5 + \underline{10 \times 9} \\ &= \underline{5 + 90} \\ &= 95 \end{aligned}$$

$$\begin{aligned} &(9 - 6) \times (7 + 10 + 2) \\ &= 3 \times (7 + 10 + 2) \\ &= 3 \times (17 + 2) \\ &= \underline{3 \times 19} \\ &= 57 \end{aligned}$$

$$\begin{aligned} &(3 + 10 - 7) \times 4 - 9 \\ &= (13 - 7) \times 4 - 9 \\ &= \underline{6 \times 4} - 9 \\ &= \underline{24 - 9} \\ &= 15 \end{aligned}$$