

Order of Operations (D)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$4 + 3 \times (6 + 2 \times 5)$$

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

$$4 \times 5 + 6 \times (2 + 9)$$

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

$$(4 \times 9 + 8 + 3) \times 2$$

$$2 \times (7 + 9 + 5 \times 3)$$

$$6 + 4 \times (9 + 2 \times 3)$$

$$5 \times (2 + 4) \times 3 + 9$$

$$(4 + 2) \times 9 + 8 \times 5$$

$$(4 \times 2 + 5) \times 6 + 3$$

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$$\begin{aligned} &4 + 3 \times (6 + 2 \times 5) \\ &= 4 + 3 \times (6 + 10) \\ &= 4 + 3 \times 16 \\ &= 4 + 48 \\ &= 52 \end{aligned}$$

$$\begin{aligned} &7 + 5 \times (4 \times 2 + 3) \\ &= 7 + 5 \times (8 + 3) \\ &= 7 + 5 \times 11 \\ &= 7 + 55 \\ &= 62 \end{aligned}$$

$$\begin{aligned} &4 \times 5 + 6 \times (2 + 9) \\ &= 4 \times 5 + 6 \times 11 \\ &= 20 + 6 \times 11 \\ &= 20 + 66 \\ &= 86 \end{aligned}$$

$$\begin{aligned} &2 \times (10 + 5 + 6 \times 3) \\ &= 2 \times (10 + 5 + 18) \\ &= 2 \times (15 + 18) \\ &= 2 \times 33 \\ &= 66 \end{aligned}$$

$$\begin{aligned} &(4 \times 9 + 8 + 3) \times 2 \\ &= (36 + 8 + 3) \times 2 \\ &= (44 + 3) \times 2 \\ &= 47 \times 2 \\ &= 94 \end{aligned}$$

$$\begin{aligned} &2 \times (7 + 9 + 5 \times 3) \\ &= 2 \times (7 + 9 + 15) \\ &= 2 \times (16 + 15) \\ &= 2 \times 31 \\ &= 62 \end{aligned}$$

$$\begin{aligned} &6 + 4 \times (9 + 2 \times 3) \\ &= 6 + 4 \times (9 + 6) \\ &= 6 + 4 \times 15 \\ &= 6 + 60 \\ &= 66 \end{aligned}$$

$$\begin{aligned} &5 \times (2 + 4) \times 3 + 9 \\ &= 5 \times 6 \times 3 + 9 \\ &= 30 \times 3 + 9 \\ &= 90 + 9 \\ &= 99 \end{aligned}$$

$$\begin{aligned} &(4 + 2) \times 9 + 8 \times 5 \\ &= 6 \times 9 + 8 \times 5 \\ &= 54 + 8 \times 5 \\ &= 54 + 40 \\ &= 94 \end{aligned}$$

$$\begin{aligned} &(4 \times 2 + 5) \times 6 + 3 \\ &= (8 + 5) \times 6 + 3 \\ &= 13 \times 6 + 3 \\ &= 78 + 3 \\ &= 81 \end{aligned}$$