

# Order of Operations (F)

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

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

Solve each expression using the correct order of operations.

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

$$(2 + 9) \times 4 + 6 \times 8$$

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

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

$$3 \times (4 + 2 \times 6 + 10)$$

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

$$(6 + 8) \times 2 + 9 \times 5$$

$$3 \times 4 + 6 \times (9 + 5)$$

$$(4 + 2) \times 3 + 7 \times 9$$

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

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Solve each expression using the correct order of operations.

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

$$\begin{aligned} &(2 + 9) \times 4 + 6 \times 8 \\ &= \underline{11 \times 4} + 6 \times 8 \\ &= 44 + \underline{6 \times 8} \\ &= \underline{44 + 48} \\ &= 92 \end{aligned}$$

$$\begin{aligned} &4 \times 6 + 3 \times (7 + 10) \\ &= \underline{4 \times 6} + 3 \times 17 \\ &= 24 + \underline{3 \times 17} \\ &= \underline{24 + 51} \\ &= 75 \end{aligned}$$

$$\begin{aligned} &(5 + 7 \times 2) \times 4 + 3 \\ &= (5 + \underline{14}) \times 4 + 3 \\ &= \underline{19 \times 4} + 3 \\ &= \underline{76 + 3} \\ &= 79 \end{aligned}$$

$$\begin{aligned} &3 \times (4 + 2 \times 6 + 10) \\ &= 3 \times (\underline{4 + 12} + 10) \\ &= 3 \times (\underline{16 + 10}) \\ &= \underline{3 \times 26} \\ &= 78 \end{aligned}$$

$$\begin{aligned} &4 + 5 \times (3 + 6 \times 2) \\ &= 4 + 5 \times (\underline{3 + 12}) \\ &= 4 + \underline{5 \times 15} \\ &= \underline{4 + 75} \\ &= 79 \end{aligned}$$

$$\begin{aligned} &(6 + 8) \times 2 + 9 \times 5 \\ &= \underline{14 \times 2} + 9 \times 5 \\ &= 28 + \underline{9 \times 5} \\ &= \underline{28 + 45} \\ &= 73 \end{aligned}$$

$$\begin{aligned} &3 \times 4 + 6 \times (9 + 5) \\ &= \underline{3 \times 4} + 6 \times 14 \\ &= 12 + \underline{6 \times 14} \\ &= \underline{12 + 84} \\ &= 96 \end{aligned}$$

$$\begin{aligned} &(4 + 2) \times 3 + 7 \times 9 \\ &= \underline{6 \times 3} + 7 \times 9 \\ &= 18 + \underline{7 \times 9} \\ &= \underline{18 + 63} \\ &= 81 \end{aligned}$$

$$\begin{aligned} &7 + 5 \times (3 \times 4 + 2) \\ &= 7 + 5 \times (\underline{12 + 2}) \\ &= 7 + \underline{5 \times 14} \\ &= \underline{7 + 70} \\ &= 77 \end{aligned}$$