

# Order of Operations (E)

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

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

Simplify each expression using the correct order of operations.

$$7 - 5 + 6 \times 2 \times (10 - 9)$$

$$4 \times (7 + 2 - 9 + 6 - 5)$$

$$4 \times ((5 + 8 - 3 - 9) \times 2)$$

$$(7 - 4) \times ((2 + 5 - 6) \times 3)$$

$$7 \times 2 - 10 + 9 \times (6 - 4)$$

$$(8 - 6) \times (10 + 4 + 7 - 9)$$

$$4 \times (6 + 5 - 7 - 2 + 9)$$

$$2 \times (10 + 5 - 7 + 3 - 9)$$

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Simplify each expression using the correct order of operations.

$$7 - 5 + 6 \times 2 \times (\underline{10} - \underline{9})$$

$$= 7 - 5 + \underline{6 \times 2} \times 1$$

$$= 7 - 5 + \underline{12 \times 1}$$

$$= \underline{7 - 5} + 12$$

$$= \underline{2 + 12}$$

$$= \underline{14}$$

$$4 \times (\underline{7 + 2} - 9 + 6 - 5)$$

$$= 4 \times (\underline{9 - 9} + 6 - 5)$$

$$= 4 \times (\underline{0 + 6} - 5)$$

$$= 4 \times (\underline{6 - 5})$$

$$= \underline{4 \times 1}$$

$$= \underline{4}$$

$$4 \times ((\underline{5 + 8} - 3 - 9) \times 2)$$

$$= 4 \times ((\underline{13 - 3} - 9) \times 2)$$

$$= 4 \times ((\underline{10 - 9}) \times 2)$$

$$= 4 \times (\underline{1 \times 2})$$

$$= \underline{4 \times 2}$$

$$= \underline{8}$$

$$(\underline{7 - 4}) \times ((2 + 5 - 6) \times 3)$$

$$= 3 \times ((\underline{2 + 5} - 6) \times 3)$$

$$= 3 \times ((\underline{7 - 6}) \times 3)$$

$$= 3 \times (\underline{1 \times 3})$$

$$= \underline{3 \times 3}$$

$$= \underline{9}$$

$$7 \times 2 - 10 + 9 \times (\underline{6 - 4})$$

$$= \underline{7 \times 2} - 10 + 9 \times 2$$

$$= 14 - 10 + \underline{9 \times 2}$$

$$= \underline{14 - 10} + 18$$

$$= \underline{4 + 18}$$

$$= \underline{22}$$

$$(\underline{8 - 6}) \times (10 + 4 + 7 - 9)$$

$$= 2 \times (\underline{10 + 4} + 7 - 9)$$

$$= 2 \times (\underline{14 + 7} - 9)$$

$$= 2 \times (\underline{21 - 9})$$

$$= \underline{2 \times 12}$$

$$= \underline{24}$$

$$4 \times (\underline{6 + 5} - 7 - 2 + 9)$$

$$= 4 \times (\underline{11 - 7} - 2 + 9)$$

$$= 4 \times (\underline{4 - 2} + 9)$$

$$= 4 \times (\underline{2 + 9})$$

$$= \underline{4 \times 11}$$

$$= \underline{44}$$

$$2 \times (\underline{10 + 5} - 7 + 3 - 9)$$

$$= 2 \times (\underline{15 - 7} + 3 - 9)$$

$$= 2 \times (\underline{8 + 3} - 9)$$

$$= 2 \times (\underline{11 - 9})$$

$$= \underline{2 \times 2}$$

$$= \underline{4}$$