

Order of Operations (F)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$6 - 3 \times 10 \div (2 + 8)$$

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

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

$$(5 \times 8) \div (2 + 10 - 7)$$

$$((5 + 9 - 10) \times 7) \div 4$$

$$(6 \times 4 - 8 + 5) \div 3$$

$$(9 + 5 \times 6) \div (3 - 2)$$

$$(4 + 5) \div 3 \times (8 - 6)$$

$$5 \times (10 + 9 - 7) \div 4$$

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

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$$\begin{aligned}6 - 3 \times 10 \div (2 + 8) \\&= 6 - 3 \times 10 \div 10 \\&= 6 - 30 \div 10 \\&= 6 - 3 \\&= 3\end{aligned}$$

$$\begin{aligned}(6 + 9 \times 5 - 3) \div 4 \\&= (6 + 45 - 3) \div 4 \\&= (51 - 3) \div 4 \\&= 48 \div 4 \\&= 12\end{aligned}$$

$$\begin{aligned}(9 \div 3 - 2) \times (4 + 8) \\&= (3 - 2) \times (4 + 8) \\&= 1 \times (4 + 8) \\&= 1 \times 12 \\&= 12\end{aligned}$$

$$\begin{aligned}(5 \times 8) \div (2 + 10 - 7) \\&= 40 \div (2 + 10 - 7) \\&= 40 \div (12 - 7) \\&= 40 \div 5 \\&= 8\end{aligned}$$

$$\begin{aligned}((5 + 9 - 10) \times 7) \div 4 \\&= ((14 - 10) \times 7) \div 4 \\&= (4 \times 7) \div 4 \\&= 28 \div 4 \\&= 7\end{aligned}$$

$$\begin{aligned}(6 \times 4 - 8 + 5) \div 3 \\&= (24 - 8 + 5) \div 3 \\&= (16 + 5) \div 3 \\&= 21 \div 3 \\&= 7\end{aligned}$$

$$\begin{aligned}(9 + 5 \times 6) \div (3 - 2) \\&= (9 + 30) \div (3 - 2) \\&= 39 \div (3 - 2) \\&= 39 \div 1 \\&= 39\end{aligned}$$

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

$$\begin{aligned}5 \times (10 + 9 - 7) \div 4 \\&= 5 \times (19 - 7) \div 4 \\&= 5 \times 12 \div 4 \\&= 60 \div 4 \\&= 15\end{aligned}$$

$$\begin{aligned}(7 + 2) \div (5 - 4) \times 6 \\&= 9 \div (5 - 4) \times 6 \\&= 9 \div 1 \times 6 \\&= 9 \times 6 \\&= 54\end{aligned}$$