

Order of Operations (D)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

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

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

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

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

$$4 + 9 \times (2 \div (8 - 7))$$

$$3 \times 10 \div (7 + 2 - 8)$$

$$((9 - 8 + 7) \times 4) \div 2$$

$$((10 - 8 + 7) \div 9) \times 5$$

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

$$(5 \times 8) \div (3 + 10 - 9)$$

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$$\begin{aligned} &8 + 9 \div (7 - 4) \times 10 \\ &= 8 + 9 \div 3 \times 10 \\ &= 8 + 3 \times 10 \\ &= 8 + 30 \\ &= 38 \end{aligned}$$

$$\begin{aligned} &((10 + 5) \div 3) \times 9 - 7 \\ &= (15 \div 3) \times 9 - 7 \\ &= 5 \times 9 - 7 \\ &= 45 - 7 \\ &= 38 \end{aligned}$$

$$\begin{aligned} &(8 \times 10 + 6 - 9) \div 7 \\ &= (80 + 6 - 9) \div 7 \\ &= (86 - 9) \div 7 \\ &= 77 \div 7 \\ &= 11 \end{aligned}$$

$$\begin{aligned} &5 \times (3 + 8 - 10 \div 2) \\ &= 5 \times (3 + 8 - 5) \\ &= 5 \times (11 - 5) \\ &= 5 \times 6 \\ &= 30 \end{aligned}$$

$$\begin{aligned} &4 + 9 \times (2 \div (8 - 7)) \\ &= 4 + 9 \times (2 \div 1) \\ &= 4 + 9 \times 2 \\ &= 4 + 18 \\ &= 22 \end{aligned}$$

$$\begin{aligned} &3 \times 10 \div (7 + 2 - 8) \\ &= 3 \times 10 \div (9 - 8) \\ &= 3 \times 10 \div 1 \\ &= 30 \div 1 \\ &= 30 \end{aligned}$$

$$\begin{aligned} &((9 - 8 + 7) \times 4) \div 2 \\ &= ((1 + 7) \times 4) \div 2 \\ &= (8 \times 4) \div 2 \\ &= 32 \div 2 \\ &= 16 \end{aligned}$$

$$\begin{aligned} &((10 - 8 + 7) \div 9) \times 5 \\ &= ((2 + 7) \div 9) \times 5 \\ &= (9 \div 9) \times 5 \\ &= 1 \times 5 \\ &= 5 \end{aligned}$$

$$\begin{aligned} &(3 + 9) \div 2 \times 6 - 10 \\ &= 12 \div 2 \times 6 - 10 \\ &= 6 \times 6 - 10 \\ &= 36 - 10 \\ &= 26 \end{aligned}$$

$$\begin{aligned} &(5 \times 8) \div (3 + 10 - 9) \\ &= 40 \div (3 + 10 - 9) \\ &= 40 \div (13 - 9) \\ &= 40 \div 4 \\ &= 10 \end{aligned}$$