

Order of Operations (C)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$8 \times (2 + 5 - 7) \div (10 - 6)$$

$$(8 - 2) \div 6 \times (10 + 4) \times 7$$

$$(6 + 3 - 4 \times 2) \div (10 - 9)$$

$$4 \times 8 + 10 \div (9 - 2 + 3)$$

$$9 + 3 - 2 \times 4 \div (10 - 8)$$

$$(7 + 8 \div 2 - 4) \times 6 + 5$$

$$7 \times (10 + 3 \div (5 - 4 \div 2))$$

$$(8 + 10 - 9) \div 3 \times (5 - 2)$$

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$$\begin{aligned} & 8 \times (2 + 5 - 7) \div (10 - 6) \\ &= 8 \times (7 - 7) \div (10 - 6) \\ &= 8 \times 0 \div (10 - 6) \\ &= 8 \times 0 \div 4 \\ &= 0 \div 4 \\ &= 0 \end{aligned}$$

$$\begin{aligned} & (8 - 2) \div 6 \times (10 + 4) \times 7 \\ &= 6 \div 6 \times (10 + 4) \times 7 \\ &= 6 \div 6 \times 14 \times 7 \\ &= 1 \times 14 \times 7 \\ &= 14 \times 7 \\ &= 98 \end{aligned}$$

$$\begin{aligned} & (6 + 3 - 4 \times 2) \div (10 - 9) \\ &= (6 + 3 - 8) \div (10 - 9) \\ &= (9 - 8) \div (10 - 9) \\ &= 1 \div (10 - 9) \\ &= 1 \div 1 \\ &= 1 \end{aligned}$$

$$\begin{aligned} & 4 \times 8 + 10 \div (9 - 2 + 3) \\ &= 4 \times 8 + 10 \div (7 + 3) \\ &= 4 \times 8 + 10 \div 10 \\ &= 32 + 10 \div 10 \\ &= 32 + 1 \\ &= 33 \end{aligned}$$

$$\begin{aligned} & 9 + 3 - 2 \times 4 \div (10 - 8) \\ &= 9 + 3 - 2 \times 4 \div 2 \\ &= 9 + 3 - 8 \div 2 \\ &= 9 + 3 - 4 \\ &= 12 - 4 \\ &= 8 \end{aligned}$$

$$\begin{aligned} & (7 + 8 \div 2 - 4) \times 6 + 5 \\ &= (7 + 4 - 4) \times 6 + 5 \\ &= (11 - 4) \times 6 + 5 \\ &= 7 \times 6 + 5 \\ &= 42 + 5 \\ &= 47 \end{aligned}$$

$$\begin{aligned} & 7 \times (10 + 3 \div (5 - 4 \div 2)) \\ &= 7 \times (10 + 3 \div (5 - 2)) \\ &= 7 \times (10 + 3 \div 3) \\ &= 7 \times (10 + 1) \\ &= 7 \times 11 \\ &= 77 \end{aligned}$$

$$\begin{aligned} & (8 + 10 - 9) \div 3 \times (5 - 2) \\ &= (18 - 9) \div 3 \times (5 - 2) \\ &= 9 \div 3 \times (5 - 2) \\ &= 9 \div 3 \times 3 \\ &= 3 \times 3 \\ &= 9 \end{aligned}$$