

Order of Operations (C)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(7 + 9) \div (6 - 2) \times 8 \div (3 + 5)$$

$$(4 \times 2) \div 8 + 7 - 10 \div (5 - 3)$$

$$(7 + 3) \div (8 - 6) \times 5 + 2 - 9$$

$$(9 \div 3) \times 10 - 4 + 2 \div (6 - 5)$$

$$(8 \times 6) \div 2 - 3 + 5 \times (9 - 7)$$

$$(8 - 4) \times (3 + 5) \div (6 + 10) \times 7$$

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$$\begin{aligned} & (7 + 9) \div (6 - 2) \times 8 \div (3 + 5) \\ & = 16 \div (6 - 2) \times 8 \div (3 + 5) \\ & = 16 \div 4 \times 8 \div (3 + 5) \\ & = \underline{16 \div 4} \times 8 \div 8 \\ & = \underline{4 \times 8} \div 8 \\ & = \underline{32 \div 8} \\ & = 4 \end{aligned}$$

$$\begin{aligned} & (4 \times 2) \div 8 + 7 - 10 \div (5 - 3) \\ & = 8 \div 8 + 7 - 10 \div (5 - 3) \\ & = \underline{8 \div 8} + 7 - 10 \div 2 \\ & = 1 + 7 - \underline{10 \div 2} \\ & = \underline{1 + 7} - 5 \\ & = \underline{8 - 5} \\ & = 3 \end{aligned}$$

$$\begin{aligned} & (7 + 3) \div (8 - 6) \times 5 + 2 - 9 \\ & = 10 \div (8 - 6) \times 5 + 2 - 9 \\ & = \underline{10 \div 2} \times 5 + 2 - 9 \\ & = \underline{5 \times 5} + 2 - 9 \\ & = \underline{25 + 2} - 9 \\ & = \underline{27 - 9} \\ & = 18 \end{aligned}$$

$$\begin{aligned} & (9 \div 3) \times 10 - 4 + 2 \div (6 - 5) \\ & = 3 \times 10 - 4 + 2 \div (6 - 5) \\ & = \underline{3 \times 10} - 4 + 2 \div 1 \\ & = 30 - 4 + \underline{2 \div 1} \\ & = \underline{30 - 4} + 2 \\ & = \underline{26 + 2} \\ & = 28 \end{aligned}$$

$$\begin{aligned} & (8 \times 6) \div 2 - 3 + 5 \times (9 - 7) \\ & = 48 \div 2 - 3 + 5 \times (9 - 7) \\ & = \underline{48 \div 2} - 3 + 5 \times 2 \\ & = 24 - 3 + \underline{5 \times 2} \\ & = \underline{24 - 3} + 10 \\ & = \underline{21 + 10} \\ & = 31 \end{aligned}$$

$$\begin{aligned} & (8 - 4) \times (3 + 5) \div (6 + 10) \times 7 \\ & = 4 \times (3 + 5) \div (6 + 10) \times 7 \\ & = 4 \times 8 \div (6 + 10) \times 7 \\ & = \underline{4 \times 8} \div 16 \times 7 \\ & = \underline{32 \div 16} \times 7 \\ & = \underline{2 \times 7} \\ & = 14 \end{aligned}$$