

Order of Operations (A)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

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

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

$$(7 - 5 + 2) \div 4 \times 10 + 9$$

$$(3 \times 6 + 7 - 9) \div 4 - 2$$

$$10 - 2 + 6 \div 3 \times (7 + 8)$$

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

$$(3 + 8) \times 6 - 4 \div 2 - 7$$

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

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$$\begin{aligned} &5 \times (4 \div (10 + 3 - 7 - 2)) \\ &= 5 \times (4 \div (13 - 7 - 2)) \\ &= 5 \times (4 \div (6 - 2)) \\ &= 5 \times (4 \div 4) \\ &= 5 \times 1 \\ &= 5 \end{aligned}$$

$$\begin{aligned} &10 \div (4 + 6 - 8) \times 7 + 5 \\ &= 10 \div (10 - 8) \times 7 + 5 \\ &= 10 \div 2 \times 7 + 5 \\ &= 5 \times 7 + 5 \\ &= 35 + 5 \\ &= 40 \end{aligned}$$

$$\begin{aligned} &(7 - 5 + 2) \div 4 \times 10 + 9 \\ &= (2 + 2) \div 4 \times 10 + 9 \\ &= 4 \div 4 \times 10 + 9 \\ &= 1 \times 10 + 9 \\ &= 10 + 9 \\ &= 19 \end{aligned}$$

$$\begin{aligned} &(3 \times 6 + 7 - 9) \div 4 - 2 \\ &= (18 + 7 - 9) \div 4 - 2 \\ &= (25 - 9) \div 4 - 2 \\ &= 16 \div 4 - 2 \\ &= 4 - 2 \\ &= 2 \end{aligned}$$

$$\begin{aligned} &10 - 2 + 6 \div 3 \times (7 + 8) \\ &= 10 - 2 + 6 \div 3 \times 15 \\ &= 10 - 2 + 2 \times 15 \\ &= 10 - 2 + 30 \\ &= 8 + 30 \\ &= 38 \end{aligned}$$

$$\begin{aligned} &(8 - 3 + 9) \times 5 \div 7 - 6 \\ &= (5 + 9) \times 5 \div 7 - 6 \\ &= 14 \times 5 \div 7 - 6 \\ &= 70 \div 7 - 6 \\ &= 10 - 6 \\ &= 4 \end{aligned}$$

$$\begin{aligned} &(3 + 8) \times 6 - 4 \div 2 - 7 \\ &= 11 \times 6 - 4 \div 2 - 7 \\ &= 66 - 4 \div 2 - 7 \\ &= 66 - 2 - 7 \\ &= 64 - 7 \\ &= 57 \end{aligned}$$

$$\begin{aligned} &(8 \times 7 - 2) \div (5 + 10 - 6) \\ &= (56 - 2) \div (5 + 10 - 6) \\ &= 54 \div (5 + 10 - 6) \\ &= 54 \div (15 - 6) \\ &= 54 \div 9 \\ &= 6 \end{aligned}$$