

Order of Operations (B)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

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

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

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

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

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

$$(6 + 4 - 9 \div 3) \times 8$$

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

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

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

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

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Solve each expression using the correct order of operations.

$$\begin{aligned} &5 + 8 \times (10 - 9) \div 2 \\ &= 5 + 8 \times 1 \div 2 \\ &= 5 + 8 \div 2 \\ &= 5 + 4 \\ &= 9 \end{aligned}$$

$$\begin{aligned} &((3 + 5) \div 2) \times 7 - 10 \\ &= (8 \div 2) \times 7 - 10 \\ &= 4 \times 7 - 10 \\ &= 28 - 10 \\ &= 18 \end{aligned}$$

$$\begin{aligned} &7 \times (10 - 4) \div (2 + 5) \\ &= 7 \times 6 \div (2 + 5) \\ &= 7 \times 6 \div 7 \\ &= 42 \div 7 \\ &= 6 \end{aligned}$$

$$\begin{aligned} &(8 \times 10 - 3 + 4) \div 9 \\ &= (80 - 3 + 4) \div 9 \\ &= (77 + 4) \div 9 \\ &= 81 \div 9 \\ &= 9 \end{aligned}$$

$$\begin{aligned} &6 \times (10 \div 2 + 8 - 5) \\ &= 6 \times (5 + 8 - 5) \\ &= 6 \times (13 - 5) \\ &= 6 \times 8 \\ &= 48 \end{aligned}$$

$$\begin{aligned} &(6 + 4 - 9 \div 3) \times 8 \\ &= (6 + 4 - 3) \times 8 \\ &= (10 - 3) \times 8 \\ &= 7 \times 8 \\ &= 56 \end{aligned}$$

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

$$\begin{aligned} &(10 + 5 \times 6) \div (4 - 2) \\ &= (10 + 30) \div (4 - 2) \\ &= 40 \div (4 - 2) \\ &= 40 \div 2 \\ &= 20 \end{aligned}$$

$$\begin{aligned} &(7 + 8) \times 5 \div (9 - 6) \\ &= 15 \times 5 \div (9 - 6) \\ &= 15 \times 5 \div 3 \\ &= 75 \div 3 \\ &= 25 \end{aligned}$$

$$\begin{aligned} &(6 \times 2 - 8 + 3) \div 7 \\ &= (12 - 8 + 3) \div 7 \\ &= (4 + 3) \div 7 \\ &= 7 \div 7 \\ &= 1 \end{aligned}$$