

Order of Operations (B)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(9 - 4) \times (7 + 5) \div 2 \div (3 \times 10)$$

$$(5 \times 8) \div 10 - 4 + 9 \div (7 - 6)$$

$$9 \times 3 + 4 - 7 \div (2 \div (10 - 8))$$

$$(6 \times (2 + 3)) \div (9 - 7) \div 5 + 4$$

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

$$9 + 6 - 10 \div (2 \times ((8 - 3) \div 5))$$

Order of Operations (B)

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Solve each expression using the correct order of operations.

$$\begin{aligned} & (9 - 4) \times (7 + 5) \div 2 \div (3 \times 10) \\ & = 5 \times (7 + 5) \div 2 \div (3 \times 10) \\ & = 5 \times 12 \div 2 \div (3 \times 10) \\ & = 5 \times 12 \div 2 \div 30 \\ & = 60 \div 2 \div 30 \\ & = 30 \div 30 \\ & = 1 \end{aligned}$$

$$\begin{aligned} & (5 \times 8) \div 10 - 4 + 9 \div (7 - 6) \\ & = 40 \div 10 - 4 + 9 \div (7 - 6) \\ & = 40 \div 10 - 4 + 9 \div 1 \\ & = 4 - 4 + 9 \div 1 \\ & = 4 - 4 + 9 \\ & = 0 + 9 \\ & = 9 \end{aligned}$$

$$\begin{aligned} & 9 \times 3 + 4 - 7 \div (2 \div (10 - 8)) \\ & = 9 \times 3 + 4 - 7 \div (2 \div 2) \\ & = 9 \times 3 + 4 - 7 \div 1 \\ & = 27 + 4 - 7 \div 1 \\ & = 27 + 4 - 7 \\ & = 31 - 7 \\ & = 24 \end{aligned}$$

$$\begin{aligned} & (6 \times (2 + 3)) \div (9 - 7) \div 5 + 4 \\ & = (6 \times 5) \div (9 - 7) \div 5 + 4 \\ & = 30 \div (9 - 7) \div 5 + 4 \\ & = 30 \div 2 \div 5 + 4 \\ & = 15 \div 5 + 4 \\ & = 3 + 4 \\ & = 7 \end{aligned}$$

$$\begin{aligned} & ((10 - 8) \times (3 + 7)) \div 2 - 5 + 4 \\ & = (2 \times (3 + 7)) \div 2 - 5 + 4 \\ & = (2 \times 10) \div 2 - 5 + 4 \\ & = 20 \div 2 - 5 + 4 \\ & = 10 - 5 + 4 \\ & = 5 + 4 \\ & = 9 \end{aligned}$$

$$\begin{aligned} & 9 + 6 - 10 \div (2 \times ((8 - 3) \div 5)) \\ & = 9 + 6 - 10 \div (2 \times (5 \div 5)) \\ & = 9 + 6 - 10 \div (2 \times 1) \\ & = 9 + 6 - 10 \div 2 \\ & = 9 + 6 - 5 \\ & = 15 - 5 \\ & = 10 \end{aligned}$$