

Order of Operations (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

$$(5 + 8 \times 4 - 9) \div 2$$

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

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

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Simplify each expression using the correct order of operations.

$$\begin{aligned} & (7 + 2) \times 8 \div 9 - 6 \\ & = 9 \times 8 \div 9 - 6 \\ & = 72 \div 9 - 6 \\ & = 8 - 6 \\ & = 2 \end{aligned}$$

$$\begin{aligned} & 10 \times (4 + 2) \div 3 - 9 \\ & = 10 \times 6 \div 3 - 9 \\ & = 60 \div 3 - 9 \\ & = 20 - 9 \\ & = 11 \end{aligned}$$

$$\begin{aligned} & (10 + 2 - 8) \times 6 \div 4 \\ & = (12 - 8) \times 6 \div 4 \\ & = 4 \times 6 \div 4 \\ & = 24 \div 4 \\ & = 6 \end{aligned}$$

$$\begin{aligned} & (10 \times 6) \div 2 - 3 + 7 \\ & = 60 \div 2 - 3 + 7 \\ & = 30 - 3 + 7 \\ & = 27 + 7 \\ & = 34 \end{aligned}$$

$$\begin{aligned} & (6 \div 3) \times 10 - 9 + 4 \\ & = 2 \times 10 - 9 + 4 \\ & = 20 - 9 + 4 \\ & = 11 + 4 \\ & = 15 \end{aligned}$$

$$\begin{aligned} & (3 + 7 \times 6 - 9) \div 4 \\ & = (3 + 42 - 9) \div 4 \\ & = (45 - 9) \div 4 \\ & = 36 \div 4 \\ & = 9 \end{aligned}$$

$$\begin{aligned} & (9 \times (5 + 3 - 8)) \div 2 \\ & = (9 \times (8 - 8)) \div 2 \\ & = (9 \times 0) \div 2 \\ & = 0 \div 2 \\ & = 0 \end{aligned}$$

$$\begin{aligned} & (5 + 8 \times 4 - 9) \div 2 \\ & = (5 + 32 - 9) \div 2 \\ & = (37 - 9) \div 2 \\ & = 28 \div 2 \\ & = 14 \end{aligned}$$

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

$$\begin{aligned} & 3 - 2 \times 8 \div (6 + 10) \\ & = 3 - 2 \times 8 \div 16 \\ & = 3 - 16 \div 16 \\ & = 3 - 1 \\ & = 2 \end{aligned}$$