

Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

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

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

Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (3 \times 4) \div (7 + 9 - 10) \\ & = 12 \div (7 + 9 - 10) \\ & = 12 \div (16 - 10) \\ & = \underline{12 \div 6} \\ & = 2 \end{aligned}$$

$$\begin{aligned} & 8 \times (10 - 6) \div 2 + 4 \\ & = \underline{8 \times 4} \div 2 + 4 \\ & = \underline{32 \div 2} + 4 \\ & = \underline{16 + 4} \\ & = 20 \end{aligned}$$

$$\begin{aligned} & (10 \div 2) \times 7 + 5 - 4 \\ & = \underline{5 \times 7} + 5 - 4 \\ & = \underline{35 + 5} - 4 \\ & = \underline{40 - 4} \\ & = 36 \end{aligned}$$

$$\begin{aligned} & 8 \div (7 - 3) \times (4 + 6) \\ & = 8 \div 4 \times (4 + 6) \\ & = \underline{8 \div 4} \times 10 \\ & = \underline{2 \times 10} \\ & = 20 \end{aligned}$$

$$\begin{aligned} & 6 \times (8 - 3 + 5) \div 10 \\ & = 6 \times (5 + 5) \div 10 \\ & = \underline{6 \times 10} \div 10 \\ & = \underline{60 \div 10} \\ & = 6 \end{aligned}$$

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

$$\begin{aligned} & (10 - 6 + 8 \div 2) \times 3 \\ & = (\underline{10 - 6} + 4) \times 3 \\ & = (\underline{4 + 4}) \times 3 \\ & = \underline{8 \times 3} \\ & = 24 \end{aligned}$$

$$\begin{aligned} & (4 + 8 \div 2 - 6) \times 10 \\ & = (\underline{4 + 4} - 6) \times 10 \\ & = (\underline{8 - 6}) \times 10 \\ & = \underline{2 \times 10} \\ & = 20 \end{aligned}$$

$$\begin{aligned} & 7 \div (4 \times 2 + 9 - 10) \\ & = 7 \div (8 + 9 - 10) \\ & = 7 \div (17 - 10) \\ & = \underline{7 \div 7} \\ & = 1 \end{aligned}$$

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