

Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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