Order of Operations (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

$(8 - 2) \div 6 \times (10 + 4) \times 7$

$(6 + 3 - 4 \times 2) \div (10 - 9)$

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

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

$(7 + 8 \div 2 - 4) \times 6 + 5$

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

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

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Simplify each expression using the correct order of operations.

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

$= 8 \times (\underline{7 - 7}) \div (10 - 6)$

$= 8 \times 0 \div (\underline{10 - 6})$

$= \underline{8 \times 0} \div 4$

$= \underline{0 \div 4}$

$= 0$

$(\underline{8 - 2}) \div 6 \times (10 + 4) \times 7$

$= 6 \div 6 \times (\underline{10 + 4}) \times 7$

$= \underline{6 \div 6} \times 14 \times 7$

$= \underline{1 \times 14} \times 7$

$= \underline{14 \times 7}$

$= 98$

$(6 + 3 - \underline{4 \times 2}) \div (10 - 9)$

$= (\underline{6 + 3} - 8) \div (10 - 9)$

$= (\underline{9 - 8}) \div (10 - 9)$

$= 1 \div (\underline{10 - 9})$

$= \underline{1 \div 1}$

$= 1$

$4 \times 8 + 10 \div (\underline{9 - 2} + 3)$

$= 4 \times 8 + 10 \div (\underline{7 + 3})$

$= \underline{4 \times 8} + 10 \div 10$

$= 32 + \underline{10 \div 10}$

$= \underline{32 + 1}$

$= 33$

$9 + 3 - 2 \times 4 \div (\underline{10 - 8})$

$= 9 + 3 - \underline{2 \times 4} \div 2$

$= 9 + 3 - \underline{8 \div 2}$

$= \underline{9 + 3} - 4$

$= \underline{12 - 4}$

$= 8$

$(7 + \underline{8 \div 2} - 4) \times 6 + 5$

$= (\underline{7 + 4} - 4) \times 6 + 5$

$= (\underline{11 - 4}) \times 6 + 5$

$= \underline{7 \times 6} + 5$

$= \underline{42 + 5}$

$= 47$

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

$= 7 \times (10 + 3 \div (\underline{5 - 2}))$

$= 7 \times (10 + \underline{3 \div 3})$

$= 7 \times (\underline{10 + 1})$

$= \underline{7 \times 11}$

$= 77$

$(\underline{8 + 10} - 9) \div 3 \times (5 - 2)$

$= (\underline{18 - 9}) \div 3 \times (5 - 2)$

$= 9 \div 3 \times (\underline{5 - 2})$

$= \underline{9 \div 3} \times 3$

$= \underline{3 \times 3}$

$= 9$