Order of Operations (J)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$(10 + 6) \div 2 \times (-5) - (-7) \times 3$

$(-2) + 5 - (-6) \times (-8) \div ((-9) - (-7))$

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

$((-5) - 3) \times (9 + (-4)) \div (-2) + 8$

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

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

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Order of Operations (J) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$(\underline{10 + 6}) \div 2 \times (-5) - (-7) \times 3$

$= \underline{16 \div 2} \times (-5) - (-7) \times 3$

$= \underline{8 \times (-5)} - (-7) \times 3$

$= (-40) - \underline{(-7) \times 3}$

$= \underline{(-40) - (-21)}$

$= -19$

$(-2) + 5 - (-6) \times (-8) \div \left(\underline{(-9) - (-7)}\right)$

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

$= (-2) + 5 - \underline{48 \div (-2)}$

$= \underline{(-2) + 5} - (-24)$

$= \underline{3 - (-24)}$

$= 27$

$(-2) - (-4) \times \left(\underline{7 + 5}\right) \div 8 + (-10)$

$= (-2) - \underline{(-4) \times 12} \div 8 + (-10)$

$= (-2) - \underline{(-48) \div 8} + (-10)$

$= \underline{(-2) - (-6)} + (-10)$

$= \underline{4 + (-10)}$

$= -6$

$\left(\underline{(-5) - 3}\right) \times (9 + (-4)) \div (-2) + 8$

$= (-8) \times \left(\underline{9 + (-4)}\right) \div (-2) + 8$

$= \underline{(-8) \times 5} \div (-2) + 8$

$= \underline{(-40) \div (-2)} + 8$

$= \underline{20 + 8}$

$= 28$

$\left(\underline{(-4) + 6}\right) \times (5 - 2) \div (9 + (-7))$

$= 2 \times \left(\underline{5 - 2}\right) \div (9 + (-7))$

$= 2 \times 3 \div \left(\underline{9 + (-7)}\right)$

$= \underline{2 \times 3} \div 2$

$= \underline{6 \div 2}$

$= 3$

$6 \div \left(\underline{(-7) - (-9)}\right) \times (-5) + (-4) - (-8)$

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

$= \underline{3 \times (-5)} + (-4) - (-8)$

$= \underline{(-15) + (-4)} - (-8)$

$= \underline{(-19) - (-8)}$

$= -11$

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