Order of Operations (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

$((-3) \times (-2) - 8 + 9) \div 7$

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Order of Operations (C) Answers

Name:

Date:

Simplify each expression using the correct order of operations.

$\left(6 - 4 + \underline{8 \div (-8)}\right) \times (-10)$

$= \left(\underline{6 - 4} + (-1)\right) \times (-10)$

$= \left(\underline{2 + (-1)}\right) \times (-10)$

$= \underline{1 \times (-10)}$

$= -10$

$\left(\underline{(-9) - (-5)}\right) \times (-6) \div ((-10) + 6)$

$= (-4) \times (-6) \div \left(\underline{(-10) + 6}\right)$

$= \underline{(-4) \times (-6)} \div (-4)$

$= \underline{24 \div (-4)}$

$= -6$

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

$= (-4) \times 9 \div \left(\underline{12 + (-8)}\right)$

$= \underline{(-4) \times 9} \div 4$

$= \underline{(-36) \div 4}$

$= -9$

$9 \times 10 \div \left(\underline{(-3) + (-10)} - 2\right)$

$= 9 \times 10 \div \left(\underline{(-13) - 2}\right)$

$= \underline{9 \times 10} \div (-15)$

$= \underline{90 \div (-15)}$

$= -6$

$\left(\underline{(-10) + 6}\right) \div ((-4) \times (-2) - 10)$

$= (-4) \div \left(\underline{(-4) \times (-2)} - 10\right)$

$= (-4) \div \left(\underline{8 - 10}\right)$

$= \underline{(-4) \div (-2)}$

$= 2$

$\left(\underline{9 \div (-9)} + 5\right) \times ((-7) - 3)$

$= \left(\underline{(-1) + 5}\right) \times ((-7) - 3)$

$= 4 \times \left(\underline{(-7) - 3}\right)$

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

$= -40$

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

$= \left(\underline{21 - (-4)}\right) \div ((-5) + 10)$

$= 25 \div \left(\underline{(-5) + 10}\right)$

$= \underline{25 \div 5}$

$= 5$

$\left(\underline{(-3) \times (-2)} - 8 + 9\right) \div 7$

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

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

$= \underline{7 \div 7}$

$= 1$

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