Order of Operations (C)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$(5 \div ((-3) - (-4))) \times ((-10) + (-8) + (-2) - (-9))$

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

$(-5) \times ((-9) + 3) \div (-6) - 6 \times (-2) \div 4$

Order of Operations (C) Answers

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$\left(5 \div \left((-3) - (-4)\right)\right) \times ((-10) + (-8) + (-2) - (-9))$

$= (5 \div 1) \times ((-10) + (-8) + (-2) - (-9))$

$= 5 \times \left((-10) + (-8) + (-2) - (-9)\right)$

$= 5 \times \left((-18) + (-2) - (-9)\right)$

$= 5 \times \left((-20) - (-9)\right)$

$= 5 \times (-11)$

$= -55$

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

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

$= (-7) - 7 + 72 \div (-6) \times (-8)$

$= (-7) - 7 + (-12) \times (-8)$

$= (-7) - 7 + 96$

$= (-14) + 96$

$= 82$

$(-5) \times \left((-9) + 3\right) \div (-6) - 6 \times (-2) \div 4$

$= (-5) \times (-6) \div (-6) - 6 \times (-2) \div 4$

$= 30 \div (-6) - 6 \times (-2) \div 4$

$= (-5) - 6 \times (-2) \div 4$

$= (-5) - (-12) \div 4$

$= (-5) - (-3)$

$= -2$