Order of Operations (G)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

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

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

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

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

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

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

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

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

Order of Operations (G) Answers

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$\left(4 + 5 - \underline{(-4) \div 2}\right) \times (-9)$
$= (\underline{4 + 5} - (-2)) \times (-9)$
$= \left(\underline{9 - (-2)}\right) \times (-9)$
$= \underline{11 \times (-9)}$
$= -99$

$\left(\underline{9 \div (-3)} - (-4) + (-9)\right) \times (-10)$
$= \left(\underline{(-3) - (-4)} + (-9)\right) \times (-10)$
$= \left(\underline{1 + (-9)}\right) \times (-10)$
$= \underline{(-8) \times (-10)}$
$= 80$

$\left((-4) - 9 + \underline{(-10) \div (-5)}\right) \times 3$
$= \left(\underline{(-4) - 9} + 2\right) \times 3$
$= \left(\underline{(-13) + 2}\right) \times 3$
$= \underline{(-11) \times 3}$
$= -33$

$(3 - \underline{8 \div 2}) \times (-2) + (-6)$
$= (\underline{3 - 4}) \times (-2) + (-6)$
$= \underline{(-1) \times (-2)} + (-6)$
$= \underline{2 + (-6)}$
$= -4$

$5 \times \left(\underline{7 + (-3)} - (-10)\right) \div 10$
$= 5 \times \left(\underline{4 - (-10)}\right) \div 10$
$= \underline{5 \times 14} \div 10$
$= \underline{70 \div 10}$
$= 7$

$(-5) + (-9) - (-7) \times \left(\underline{8 \div (-8)}\right)$
$= (-5) + (-9) - \underline{(-7) \times (-1)}$
$= \underline{(-5) + (-9)} - 7$
$= \underline{(-14) - 7}$
$= -21$

$(-4) \times \left(\underline{(-10) + (-5)} - (-7)\right) \div 8$
$= (-4) \times \left(\underline{(-15) - (-7)}\right) \div 8$
$= \underline{(-4) \times (-8)} \div 8$
$= \underline{32 \div 8}$
$= 4$

$\left(\underline{(-8) - 2}\right) \times (-2) \div (-10) + 8$
$= \underline{(-10) \times (-2)} \div (-10) + 8$
$= \underline{20 \div (-10)} + 8$
$= \underline{(-2) + 8}$
$= 6$