Order of Operations (F)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$(10 \div (-5)) \times (-2) - 2 + (-7) - (-9)$

$(((-8) + 4) \div (2 - 3)) \times (-3) + 6$

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

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

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

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

Order of Operations (F) Answers

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$\left(\underline{10 \div (-5)}\right) \times (-2) - 2 + (-7) - (-9)$
$= \underline{(-2) \times (-2)} - 2 + (-7) - (-9)$
$= \underline{4 - 2} + (-7) - (-9)$
$= \underline{2 + (-7)} - (-9)$
$= \underline{(-5) - (-9)}$
$= 4$

$\left(\left(\underline{(-8) + 4}\right) \div (2 - 3)\right) \times (-3) + 6$
$= ((-4) \div (\underline{2 - 3})) \times (-3) + 6$
$= \left(\underline{(-4) \div (-1)}\right) \times (-3) + 6$
$= \underline{4 \times (-3)} + 6$
$= \underline{(-12) + 6}$
$= -6$

$2 + 5 - 4 \times (-5) \div \left(\underline{(-4) - (-3)}\right)$
$= 2 + 5 - \underline{4 \times (-5)} \div (-1)$
$= 2 + 5 - \underline{(-20) \div (-1)}$
$= \underline{2 + 5} - 20$
$= \underline{7 - 20}$
$= -13$

$(\underline{6 \times 3}) \div 9 - (-4) + 2 \times (-5)$
$= \underline{18 \div 9} - (-4) + 2 \times (-5)$
$= 2 - (-4) + \underline{2 \times (-5)}$
$= \underline{2 - (-4)} + (-10)$
$= \underline{6 + (-10)}$
$= -4$

$(-2) \times \left(\left(\underline{(-6) + (-5)} - 2\right) \div (9 + 4)\right)$
$= (-2) \times \left(\left(\underline{(-11) - 2}\right) \div (9 + 4)\right)$
$= (-2) \times ((-13) \div (\underline{9 + 4}))$
$= (-2) \times \left(\underline{(-13) \div 13}\right)$
$= \underline{(-2) \times (-1)}$
$= 2$

$((\underline{6 + 2}) \div 4) \times (-8) - (-10) + 7$
$= (\underline{8 \div 4}) \times (-8) - (-10) + 7$
$= \underline{2 \times (-8)} - (-10) + 7$
$= \underline{(-16) - (-10)} + 7$
$= \underline{(-6) + 7}$
$= 1$