Order of Operations (I)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

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

$((-9) - (-10) + 3) \times 6 \div (-3)$

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

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

$3 \div (2 + (-3)) \times (4 - (-7))$

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

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

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

Order of Operations (I) Answers

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$\left(\underline{(-6)\times(-3)}\right)\div(-2)+(-4)-6$
$=\underline{18\div(-2)}+(-4)-6$
$=\underline{(-9)+(-4)}-6$
$=\underline{(-13)-6}$
$=-19$

$\left(\underline{(-9)-(-10)}+3\right)\times 6\div(-3)$
$=\left(\underline{1+3}\right)\times 6\div(-3)$
$=\underline{4\times 6}\div(-3)$
$=\underline{24\div(-3)}$
$=-8$

$6\times\left((-2)-\underline{4\div 2}+(-5)\right)$
$=6\times\left(\underline{(-2)-2}+(-5)\right)$
$=6\times\left(\underline{(-4)+(-5)}\right)$
$=\underline{6\times(-9)}$
$=-54$

$4\times\left(9+(-9)-\underline{5\div(-5)}\right)$
$=4\times\left(\underline{9+(-9)}-(-1)\right)$
$=4\times\left(\underline{0-(-1)}\right)$
$=\underline{4\times 1}$
$=4$

$3\div\left(\underline{2+(-3)}\right)\times(4-(-7))$
$=3\div(-1)\times\left(\underline{4-(-7)}\right)$
$=\underline{3\div(-1)}\times 11$
$=\underline{(-3)\times 11}$
$=-33$

$(-8)\times\left(\underline{(-9)\div 3}-6+8\right)$
$=(-8)\times\left(\underline{(-3)-6}+8\right)$
$=(-8)\times\left(\underline{(-9)+8}\right)$
$=\underline{(-8)\times(-1)}$
$=8$

$10+7\times\left(4\div\left(\underline{(-3)-(-5)}\right)\right)$
$=10+7\times\left(\underline{4\div 2}\right)$
$=10+\underline{7\times 2}$
$=\underline{10+14}$
$=24$

$\left(\underline{9-2}+(-9)\right)\times(8\div(-2))$
$=\left(\underline{7+(-9)}\right)\times(8\div(-2))$
$=(-2)\times\left(\underline{8\div(-2)}\right)$
$=\underline{(-2)\times(-4)}$
$=8$