Order of Operations (I)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$(((-3) - (-9)) \div ((-7) + 5)) \times 8 - (-8) \times 10$

$(((-6) + (-10)) \times 3) \div ((-3) - 8 + (-5)) \times 9$

$((-9) \div (6 + (-3))) \times ((-5) - (-7) + (-4) - 2)$

Order of Operations (I) Answers

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$$\left(\left(\underline{(-3)-(-9)}\right)\div((-7)+5)\right)\times 8-(-8)\times 10$$
$$=\left(6\div\left(\underline{(-7)+5}\right)\right)\times 8-(-8)\times 10$$
$$=\left(\underline{6\div(-2)}\right)\times 8-(-8)\times 10$$
$$=\underline{(-3)\times 8}-(-8)\times 10$$
$$=(-24)-\underline{(-8)\times 10}$$
$$=\underline{(-24)-(-80)}$$
$$=56$$

$$\left(\left(\underline{(-6)+(-10)}\right)\times 3\right)\div((-3)-8+(-5))\times 9$$
$$=\left(\underline{(-16)\times 3}\right)\div((-3)-8+(-5))\times 9$$
$$=(-48)\div\left(\underline{(-3)-8}+(-5)\right)\times 9$$
$$=(-48)\div\left(\underline{(-11)+(-5)}\right)\times 9$$
$$=\underline{(-48)\div(-16)}\times 9$$
$$=\underline{3\times 9}$$
$$=27$$

$$\left((-9)\div\left(\underline{6+(-3)}\right)\right)\times((-5)-(-7)+(-4)-2)$$
$$=\left(\underline{(-9)\div 3}\right)\times((-5)-(-7)+(-4)-2)$$
$$=(-3)\times\left(\underline{(-5)-(-7)}+(-4)-2\right)$$
$$=(-3)\times\left(\underline{2+(-4)}-2\right)$$
$$=(-3)\times\left(\underline{(-2)-2}\right)$$
$$=\underline{(-3)\times(-4)}$$
$$=12$$