Order of Operations (C)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$((-9) \times (-5) - 9) \div (-6)^2$

$(3 - (-3) + (-10))^3 \div (-8)$

$4 \div 2^2 - (-6) \times (-2)$

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

$9 \times 8 - (-4) \div 2^2$

$(-2) + 9 \times 6 - (-3)^2$

$\left(9 + 2^3 - 8\right) \times 6$

$(10 \div (-5)) \times 6^2 + (-3)$

$(-5) \div 5 \times 8^2 - 6$

$(-3) \times \left((-6)^2 + (-4) - 4\right)$

Order of Operations (C) Answers

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$\left(\underline{(-9)\times(-5)}-9\right)\div(-6)^2$

$=\left(\underline{45-9}\right)\div(-6)^2$

$=36\div\underline{(-6)^2}$

$=\underline{36\div 36}$

$=1$

$4\div\underline{2^2}-(-6)\times(-2)$

$=\underline{4\div 4}-(-6)\times(-2)$

$=1-\underline{(-6)\times(-2)}$

$=\underline{1-12}$

$=-11$

$9\times 8-(-4)\div\underline{2^2}$

$=\underline{9\times 8}-(-4)\div 4$

$=72-\underline{(-4)\div 4}$

$=\underline{72-(-1)}$

$=73$

$\left(9+\underline{2^3}-8\right)\times 6$

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

$=\left(\underline{17-8}\right)\times 6$

$=\underline{9\times 6}$

$=54$

$(-5)\div 5\times\underline{8^2}-6$

$=\underline{(-5)\div 5}\times 64-6$

$=\underline{(-1)\times 64}-6$

$=\underline{(-64)-6}$

$=-70$

$\left(\underline{3-(-3)}+(-10)\right)^3\div(-8)$

$=\left(\underline{6+(-10)}\right)^3\div(-8)$

$=\underline{(-4)^3}\div(-8)$

$=\underline{(-64)\div(-8)}$

$=8$

$\underline{(-2)^2}+2\times 3\div 6$

$=4+\underline{2\times 3}\div 6$

$=4+\underline{6\div 6}$

$=\underline{4+1}$

$=5$

$(-2)+9\times 6-\underline{(-3)^2}$

$=(-2)+\underline{9\times 6}-9$

$=\underline{(-2)+54}-9$

$=\underline{52-9}$

$=43$

$\left(\underline{10\div(-5)}\right)\times 6^2+(-3)$

$=(-2)\times\underline{6^2}+(-3)$

$=\underline{(-2)\times 36}+(-3)$

$=\underline{(-72)+(-3)}$

$=-75$

$(-3)\times\left(\underline{(-6)^2}+(-4)-4\right)$

$=(-3)\times\left(\underline{36+(-4)}-4\right)$

$=(-3)\times\left(\underline{32-4}\right)$

$=\underline{(-3)\times 28}$

$=-84$