Order of Operations (J)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$((8-4)\div 2)^3\times 3$

$(8\times 9)\div(3-2)^3$

$6^2-7\times(8\div 2)$

$9\times(4-3+2)^2$

$\left(2-4^2\div 8\right)\times 5$

$\left(2^3-8\right)\div 10\times 9$

$\left(10+4^3-2\right)\div 3$

$\left(3^3-4+2\right)\div 5$

$10\times\left(5-4+3^2\right)$

$\left(8^2+4\right)\div(6-5)$

Order of Operations (J)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$((8-4)\div 2)^3\times 3$
$=(4\div 2)^3\times 3$
$=2^3\times 3$
$=8\times 3$
$=24$

$(8\times 9)\div(3-2)^3$
$=72\div(3-2)^3$
$=72\div 1^3$
$=72\div 1$
$=72$

$6^2-7\times(8\div 2)$
$=6^2-7\times 4$
$=36-7\times 4$
$=36-28$
$=8$

$9\times(4-3+2)^2$
$=9\times(1+2)^2$
$=9\times 3^2$
$=9\times 9$
$=81$

$(2-4^2\div 8)\times 5$
$=(2-16\div 8)\times 5$
$=(2-2)\times 5$
$=0\times 5$
$=0$

$(2^3-8)\div 10\times 9$
$=(8-8)\div 10\times 9$
$=0\div 10\times 9$
$=0\times 9$
$=0$

$(10+4^3-2)\div 3$
$=(10+64-2)\div 3$
$=(74-2)\div 3$
$=72\div 3$
$=24$

$(3^3-4+2)\div 5$
$=(27-4+2)\div 5$
$=(23+2)\div 5$
$=25\div 5$
$=5$

$10\times(5-4+3^2)$
$=10\times(5-4+9)$
$=10\times(1+9)$
$=10\times 10$
$=100$

$(8^2+4)\div(6-5)$
$=(64+4)\div(6-5)$
$=68\div(6-5)$
$=68\div 1$
$=68$