Order of Operations (I)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

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

$(5 - 3)^2 \times 10 \div 4 + 9^2$

$9^2 - 8 \div (2^2 + 4) \times 10$

$7 + 3 \times 8 \div (10 - 2^3) \div 4$

$6 \div (2^2 + 3 - 4) \times (8 + 9)$

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

Order of Operations (I)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$(6^2 \div 9) \times (2^3 + 3 - 4)$
$= (36 \div 9) \times (2^3 + 3 - 4)$
$= 4 \times (2^3 + 3 - 4)$
$= 4 \times (8 + 3 - 4)$
$= 4 \times (11 - 4)$
$= 4 \times 7$
$= 28$

$(5 - 3)^2 \times 10 \div 4 + 9^2$
$= 2^2 \times 10 \div 4 + 9^2$
$= 4 \times 10 \div 4 + 9^2$
$= 4 \times 10 \div 4 + 81$
$= 40 \div 4 + 81$
$= 10 + 81$
$= 91$

$9^2 - 8 \div (2^2 + 4) \times 10$
$= 9^2 - 8 \div (4 + 4) \times 10$
$= 9^2 - 8 \div 8 \times 10$
$= 81 - 8 \div 8 \times 10$
$= 81 - 1 \times 10$
$= 81 - 10$
$= 71$

$7 + 3 \times 8 \div (10 - 2^3) \div 4$
$= 7 + 3 \times 8 \div (10 - 8) \div 4$
$= 7 + 3 \times 8 \div 2 \div 4$
$= 7 + 24 \div 2 \div 4$
$= 7 + 12 \div 4$
$= 7 + 3$
$= 10$

$6 \div (2^2 + 3 - 4) \times (8 + 9)$
$= 6 \div (4 + 3 - 4) \times (8 + 9)$
$= 6 \div (7 - 4) \times (8 + 9)$
$= 6 \div 3 \times (8 + 9)$
$= 6 \div 3 \times 17$
$= 2 \times 17$
$= 34$

$\left((8 - 6)^3 \times 3\right) \div 2 + 9^2$
$= (2^3 \times 3) \div 2 + 9^2$
$= (8 \times 3) \div 2 + 9^2$
$= 24 \div 2 + 9^2$
$= 24 \div 2 + 81$
$= 12 + 81$
$= 93$