Name Notes Date

Order of Operations.

1. $24 \div 4 \cdot 2$

$\downarrow$

$6 \cdot 2$

$= 12$

NOT

$24 \div 4 \cdot 2$

$\downarrow$

$24 \div 8$

$= 3$

2. $8+2(3+7)^2$

$8+2(10)^2$

$8+2(100)$

$8+200$

$=208$

3. $6^2+4(2-5)$

$6^2+4(-3)$

$36+4(-3)$

$36+(-12)$

$=24$

Parentheses (what is inside) and square roots

Exponents (x^2)

Multiply } from left to right in the same step.

Divide }

Add } from left to right in the same step.

Subtract }

Summary:

Please Excuse My Dear Aunt Sally

More Complex Order of Operations
Version 4

Name: Assignment

(1) $31 - 2^2 + 1 =$ _____

(2) $1 \times (1^2 - 3) =$ _____

(3) $90 + (2 \times 4) \div 2 =$ _____

(4) $7 \times 3^2 + 95 =$ _____

(5) $6 \times 1^2 + 48 =$ _____

(6) $89 - 7^2 + 1 =$ _____

(7) $5 \times 2^2 + 95 =$ 115
$5 \cdot 4 + 95$
$20 + 95$

(8) $(2^2 - 4) \times 7 =$ _____

(9) $3 \times 1 + 13 =$ _____

(10) $65 + (6 \times 4) \div 2 =$ 77
$65 + (24) \div 2$
$65 + 12$

(11) $8 \times 9^2 + 88 =$ _____

(12) $6 \times 6 + 24 =$ _____

(13) $62 - 7^2 + 4 =$ _____

(14) $5 \times (5^2 + 2) =$ _____

(15) $7 \times (2^2 - 4) =$ 0
$7 \cdot (4-4)$
$7 \cdot 0$

(16) $63 - 9^2 + 6 =$ _____

Total: 16	Goal: _____	Complete: _____	Correct: _____