Name: Date: Hour:

6.EE.A.1 Review for the Common Assessment-Expressions and Equations Part I

Standard 6.EE.1: Write and evaluate numerical expressions involving whole-number exponents.
- I can write numerical expressions involving whole number exponents. Ex. 3^4 = 3x3x3x3
- I can evaluate numerical expressions involving whole number exponents. Ex. 3^4 = 3x3x3x3 = 81
- I can solve order of operation problems that contain exponents.

Review Notes and Problems from your ISN:

Exponents

PEMDAS

Practice Problems:

Evaluate:

$3^3 + 4^2 + 4^1$

$27 + 16 + 4$

$43 + 4$

(47)

$4^1 + 5^2 - 2*3$

$4 + 25 - 6$

$29 - 6$

(23)

$3(4+7) - 2*9$

$3(11) - 2*9$

$33 - 18$

(15)

Who solved their expression the correct way? Circle all that are correct!

$400 - 3 \times 10 + 5^2$
$397 \times 10 + 25$
$3,970 + 25$
3995

$2^3 + 5 \times 9 + 10$
$8 + 5 \times 9 + 10$
$8 + 45 + 10$
63

$8^2 + (100 - 55) + 2^2 + (3^2)$
$64 + (45) + 4 + (6)$
119
$3^2 = 9$

$9 + 9 \times 9 \div 9 - 9$
$9 + 81 \div 9 - 9$
$9 + 9 - 9$
9