**Math 6/7 Unit 3 Wrap-Up** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
**Unit 3: Expressions Post-Test ☺**

|  |  |  |
| --- | --- | --- |
| 1.
 | 1. Write 8 x 8 x 8 x 8 x 8 in exponential form.
 | 1. Evaluate 100m - m3 + 10 if *m*= 5.
 |
| 1. Apply the distributive property to write an equivalent expression to
 | 1. Combine like terms:
 | 1. Write an expression for the sum of 19 cubed and y.
 |
| 1. Write an expression for 16 less than the product of n and 4 squared.
 | 1. Which expression is NOT equivalent to the others?

a. 2(3 + 9) b. 2(3) + 2(9) c. 2(3) x 2(9) d. 6 + 18 | 1. The formula A = lw can be used to find the area of a rectangle. Ms. Brown is mowing a rectangular lawn that is 18 yards long and 8.3 yards wide. What is the area of the lawn?
 |
| 1. The formula for surface area of a cube is SA = 6s². Find the surface area of a cube with s = 7 cm.
 | 1. Evaluate 12n + 75 if n = 72.
 | 1. Evaluate 9 cubed.
 |
| 1. Simplify

42x + 4x² - 2x + 6x² - 8x². | 1. Factor the expression:

18r + 16 | 1. Order from least to greatest:

 811, 82, 640, and 35 |