

Name \_\_\_\_\_

Date \_\_\_\_\_

Teacher \_\_\_\_\_

Period \_\_\_\_\_

**UNIT 1 ASSESSMENT INFO.  
(WHAT'S GOING TO BE ON THE TEST)**

1. Explain what it means if expressions are equivalent.
2. Identify equivalent expressions
3. Convert written expressions to algebraic expressions.  
Example: Five times a number added to seven =  $5x + 7$
4. Draw algebra tiles to represent an expression
5. Order of operations
6. Word problems
7. Evaluate expressions  
Example: What is the value of  $7x + 10$  when  $x = 2$

$$\begin{array}{r} 7 \times 2 + 10 \\ 14 + 10 \\ 24 \end{array}$$

8. Simplify expressions  
Example:  $10y + 7x + 3y + 20x + 2 = 13y + 27x + 2$
9. Factor expressions  
Example:  $14x + 21 = 7(2x + 3)$
10. Unit vocabulary- expressions, identity property, associative property, commutative property, sum, difference, variable, coefficient, constant, product and terms