Notes: Day 3 Algebraic Expressions   Date_____Period_____

Unit 1 Day 3 Algebraic Expressions Notes

	Example	Mathematical Phrase
Addition		
Subtraction		
Multiplication		
Division		
Fraction		
Exponential		
Grouping (Parentheses)		

Write the following verbal statements as an algebraic expression.

1. A number n added to 2

2. 4 times a number p

3. 7 more than 3 times a number b

4. 5 less than a number x

5. 3 less than the sum of a number t and 5

6. The quotient of a number c and -2

Write the following algebraic expressions as a verbal statement.

7. $3x+5$ _____

8. $\dfrac{d}{5} \div 2$ _____

9. $6(r+2)$ _____

Classroom Coding:

Variable	Meaning
B	The number of **B**oys in the classroom
G	The number of **G**irls in the classroom
P	The number of **P**encils each student has
L	The cost of a **L**unch for each student (in dollars)
S	The cost of a **S**nack for each student (in dollars)
M	The amount of time a student spends in **M**ath class each day (in minutes)
H	The amount of time a student spends on math **H**omework each day (in minutes)

What, if anything, does each of the following algebraic expressions represent? (Give the summary phrase, or say "no meaning").

10. B + G   11. GP

12. BM + BH   13. LS

14. G(L + S)   15. L + S + M + H

Write an algebraic expression for each of the phrases below.

16. The total number of pencils for all the students in the class.

17. The cost of lunch for all the students in the class

18. The total amount of time that all the students in the class spend on Math each day (both in class and on homework)

19. Make up one other meaningful expressions using he list of variables above, and give its summary phrase.