

Homework #2 - Words to Expressions

Date _____ 5C _____

Write each as an algebraic expression.

- 1) the sum of 3 and y
- 2) twice 11
- 3) v decreased by 14 is equal to 30
- 4) the sum of a number and 11 is equal to 50
- 5) the sum of a and 10 is equal to 29
- 6) n squared is equal to 9
- 7) the quotient of 12 and 6
- 8) the difference of n and 15 is 28
- 9) the product of n and 11 is 13
- 10) the difference of u and 9 is equal to 44
- 11) the difference of t and 3
- 12) q cubed is equal to 50
- 13) n decreased by 10 is 7
- 14) a number increased by 11 is 26
- 15) a number squared
- 16) the difference of a number and 13
- 17) the quotient of m and 7 is equal to 20
- 18) b cubed
- 19) 8 less than n
- 20) 5 more than 11

Convert each sentence to an expression with a variable. Use a “LET” statement to define the variables.

- 21) Kelly is driving to a friends house from her house. She has driven a third of the distance.
- 22) The length and width of a rectangle is 36cm.
- 23) Julie has \$12 more than Helen.
- 24) It costs 4 times as much to go to the movie theatre than to rent a movie.
- 25) In a pile of coins, there are 15 more loonies than quarters.
- 26) On a farm, there are 5 more chickens than twice the amount of cows.
- 27) An airplane had 3 less males than a third of the females.
- 28) The differnece between Mike's and Anne's age is 15.