

Math 210 - Dr. Miller - Activity #6: Writing Algebraic Expressions

1. For each situation below, write an appropriate algebraic expression.
 - (a) Five less than the product of p and q
 - (b) A number N , decreased by 15
 - (c) 10 times the difference of 7 and x
 - (d) The quotient of 3 by W

2. Use the given variables to create an appropriate **expression** (NOT an equation). You should rely on your experience of daily life to introduce necessary operations (addition, subtraction, multiplication, division); “key words” alone are not sufficient.
 - (a) The total value of n quarters and k nickels, in cents

 - (b) The difference between the number of legs of c cows and h chickens

 - (c) Half of Robert’s age 7 years ago, if he is r years old now

 - (d) Andy’s gross pay if he worked 20 hours at D dollars per hour and got a \$50 bonus

 - (e) The fair share received when 400 liters of water is distributed among N potting sheds