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 and $W$

2. Use the given variables to create an appropriate expression. 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 in 7 years, 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

3. Finally, CREATE ("declare") your own variable here, and write the indicated expression. Again, you must rely on your experience of daily life to introduce needed operations (addition, subtraction, multiplication, division).

    (a) The sum of Kelly's rent, her car payment, and her utility bill

    (b) The total value of a pile of nickels and a stack of dimes

    (c) The difference between John's age 3 years ago and Angie's age now

    (d) The product of a box's length and triple its height

    (e) The average of Gary's weight now, two months ago, and 6 months ago (careful!)