Translate each phrase into a variable expression. Type your answer in the box next to the phrase. Do not put any space between the characters. Only use the letter N (capital N) for the variable that represents the number for each phrase.

1) Four more than half a number
2) Ten less than one half a number
3) Three plus the product of a number and 5
4) Four more than three times a number
5) Eight times the sum of a number and 2
6) Two less than 4 times a number
7) The quotient of 3 and a number
8) The difference between 3 times a number and 6
9) Nine increased by twice a number
10) Seven times the difference of a number and 5

Represent each situation with a variable expression.

11) You have 20 pieces of candy that you want to evenly distribute to **F** of your friends. Write an expression to show the number of pieces of candy each friend would get.
12) Your friend Amy is A years old but you are 3 years older than her. Write an expression that would represent your age.
13) The length of a rectangle 5 less than twice the width **(w).** Write an expression for the length of the rectangle.

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