Student Name _____

1. _____ Which of the following is not a variable expression?

   a) $5x - 1$ b) $4 + 2(5)$ c) $r + 2(x + 4)$

2. _____ Use the variable n to write a variable expression for each of the English expressions below:

   a) six more than a number   b) twice a number

   c) one less than half a number   d) twice the sum of four and a number

3. _____ Tom is five years younger than his brother Jim. If Jim's age is A, what variable expression represents Tom's age?

4. _____ The relationship between two whole numbers x and y is given by the equation below. What can you conclude about the two whole numbers x and y?

   $$y = 2x$$

5. _____ From the set {2, 6, 10, 12, 20}, assign one number to the variable x and a second number to the variable y. Write an English expression describing the mathematical relationship between x and y. Then, translate your expression into a variable (algebraic) expression.

6. _____ A student named Manny Errors translated the expression $2(x + y) + 5$ as follows: Twice the sum of x, y and 5. His teacher marked his response incorrect. What did Manny do wrong?