1. **Consider the following two function definitions:**

   g(a) = 5a
   h(a) = a + 5

   Which of these functions will always produce the larger value? Explain your answer.

2. **Consider the following two function definitions:**

   f(y) = y + y
   g(y) = 3y - 4

   Which of these functions will always produce the larger value? Explain your answer.

3. **A friend sees the word "function" in your math book and asks what it means. In terms of mathematics, how do you explain "function" to them?**

4. **Consider the expression   3m - 6**

↑

   a. The arrow points to m. What does m stand for?

   b. Could m represent 21? Why or why not?

   c. Could m represent the expression (5 + 2)? Why or why not?

   d. How many different numbers could m represent?