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

    f(a) = a + 4
    g(a) = 4a

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

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

    g(y) = y + y
    h(y) = 2y - 1

    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   7n + 5**

↑

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

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

     c．Could n represent the expression (32 - 9)？ Why or why not?

     d．How many different numbers could n represent?