Real Life Function Worksheet

Today we talked about why functions are so important in CS, how they are created, and how they are used. The following questions test your understanding of the material. In many cases there is not single “correct” answer. Instead, be prepared to explain your decisions.

1. A person buys a candy bar from a vending machine.
   1. How is this situation a function?
   2. What is/are possible inputs(s)?
   3. What is/are possible outputs(s)?
   4. Represent what this block might look like in scratch.
2. A student takes a quiz with two multiple choice questions and two T/F questions.
   1. How is this situation a function?
   2. What is/are possible inputs(s)?
   3. What is/are possible outputs(s)?
   4. Represent what this block might look like in scratch.
3. How do functions help make it easier to create complex programs?
4. How has your understanding of function changed since you first learned about them?