

Question 1:

- A) My_variable, \$newvalue2, _numbercount, sentence
- B) My variable, 2newvalue, #count, sentence! These variable names are not allowed because: No spaces are allowed in variable names, digits cannot be the character in a variable name, a (#) is a special character and is not allowed in variable names, the same goes for the (!).

Question 2:

- A) `int numBeads;`
`numBeads = 5;`
- B) `int numBeads = 5;`

Question 3:

- A) 8
- B) 11

Question 4:

- A) Integer
- B) Double
- C) Integer
- D) Integer
- E) String
- F) string

Question 5:

- A) Primitive data types are basic data types provided by the program, such as int, double, boolean, etc. Abstract data types are more complex and defined by the programmer, they can contain data and the operations of that data within a single unit, allowing for efficient code structure.
- B) A class is a template that defines the properties of its objects, objects are instances of a class that have and can use the defined properties of the class.