

1. **Matching:** Match each term in the left column with the *best definition* or *description* in the right column. There are 22 terms and 30 definitions.
2. **Multiple Choice:** There are *ten* multiple choice questions based on the *main ideas* that we have covered in this course.
3. **Choose Appropriate Data Types:** Use the given diagram as a guide for choosing the most appropriate data type for each of the following variables. In addition, *briefly explain* each of your choices.
4. **Debugging:** The following VB program segments contain a variety of errors including
  - (a) inappropriate data types used in variable declarations
  - (b) inappropriate intrinsic function use
  - (c) syntax errors and logic errors.First circle each error. Then *write a correction* in the provided space. (*Do not explain the correction!*)
5. **Programming:** Shown below is a drawing that consists entirely of line segments and circles on a form scaled to 100 units × 100 units. Your job is to complete the following steps.
  - (a) Before you even consider writing any code, you should sketch a portion of this diagram. Use the provided grid to sketch enough lines and circles to allow you to see patterns.
  - (b) Now complete the following tables of values.
  - (c) Now write VB code that generates the drawing shown above. Observe that some of the code has already been written for you; your job is to complete the **Sub**. *Note that you must use loops wherever possible. In addition, it is critical that you indent the code properly!* (It's also a good idea to *read* the comments!)
6. **Programming:** You will create a program similar to the ones found on the “Practice Problems” assignment. Expect a problem that requires the use of a somewhat complex “**If**” statement.
7. **Programming:** You will create two programs that require loops. One of the programs will use a counted loop (i.e. a “**For...Next**” loop) and the other will require a conditional loop (i.e. a “**Do Loop**”). The problems in this question will be closely related to the problems that you have been working on over the past several days.