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| **Exercise 1** |

To complete this exercise, download this file onto your computer and highlight your answers.  When finished, save the file and upload it to the Exercise 1 dropbox in Canvas.  
  
  
1.   A \_\_\_\_\_\_\_\_\_ is the main structure in a database and represents a single specific subject.  
  
    a.   Table  
  
    b.   Record  
  
    c.   Field  
  
    d.   Key  
  
    e.   View

2.   A \_\_\_\_\_\_\_\_ is a unique instance of the subject of a table.

    a.   Table  
  
    b.   Record  
  
    c.   Field  
  
    d.   Key  
  
    e.   View

3.    What is the smallest structure of a database?

       a. Table

       b. Record

       c. Field

       d. Key

       e. View

4.  A \_\_\_\_\_\_\_\_ is a special field that plays a specific role in a table.

        a. Table

        b. Record

        c. Field

        d. Key

        e. View

5.  A virtual table in a database is known as a \_\_\_\_\_\_\_\_.  
  
        a. Table  
  
        b. Record  
  
        c. Field  
  
        d. Key  
  
        e. View

6.  If records in one table are associated with records in another table they have a \_\_\_\_\_\_\_\_.  
  
        a. Key  
  
        b. Relationship  
  
        c.  View  
  
        d.  Linking Table  
  
        e.  Primary key

7.  Which of the following is a type of relationship found in a relational database?  
  
        a. One-to-one  
  
        b. One-to-many  
  
        c.  Many-to-many  
  
        d.  All of the above

8.  Which of the following is affected by sound database structure?

        a. Data integrity

        b. Difficulty of working with data

        c. Table relationships

        d. Difficulty of retrieving accurate data

        e. All of these are affected by sound database structure.

9.  A table might need to be split into two or more tables if  
  
        a.  The name does not accurately identify the subject of the table  
  
        b.  The name implicitly or explicitly identifies more than one subject  
  
        c.  The name is an acronym or abbreviation  
  
        d.  The name contains words that convey physical characteristics

10.  A primary key field that uses two or more fields is known as a \_\_\_\_\_\_\_\_\_.  
  
        a. Simple primary key  
  
        b. Composite primary key  
  
        c.  Foreign key  
  
        d.  Candidate key