Database Internet Hunt by Cindy O'Hora

Go to http://www.mrsoshouse.com/ext/db/database.html

This hunt broadens your understanding of one of computing's most powerful tools.
Directions: Use the links to find the answers to the questions.

1. What is a database? _____

_____

_____

Give an paper-based example of a database found in your home or school.

_____

2. A database is made up of _____. Each record consists of headings or

categories called _____.

Vocabulary check. Underline the correct word.

In a recipe database, a recipe for pizza is an example of a record / field. Toppings is an
example of a record / field.

In a catalog, a sweater is an example of a _____. Size and color are examples of

_____.

TAI - Library of animal sounds. You are to create a database to organise them. Write 4 fields

that could be included in each record. (thinking required)

_____   _____

_____   _____

3. List the kinds of data that can be entered into a database.

_____   _____

_____   _____

_____   _____

_____   _____

4. A Query of a database is a synonym for a _____ of a database.

Give an example of a query you might make of your school library's card catalog database.

_____

5. Lots of people use keywords to search databases like the WWW or the card catalog of their community library. What is a downside to this approach to searching for information?

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How can you narrow a search to include all the keywords entered?

_____

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_____

I am looking for replacement windows for my home. I enter the word **window** in the search engine's query box. I get tons of links about computer software. Using an operator write a keyword entry that will better define my search.

_____

6. Computers are literal. Why is this important to know when you make or use a database?

_____

_____

_____

_____

7. Read 1) The more fields the better. Your mom asks you to make a computerized family address book for her.   List the fields you would include:

_____   _____

_____   _____

_____   _____

_____   _____

8. List 3 ways you can harness the Find feature in a database to get work done.

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9. What database feature makes it unnecessary for you to enter the records in any special

order? _____

TAI - (Think about it) Suppose you did not follow the advice you learned in question 6. You created a database for your music collection. You put the title and artist **all in one field** like this:

album: Dangerously in Love ~ Beyonce Knowles

Can you sort (alphabetize) your collection by artist? _____

List the individual fields you should have created in your music database so that you could sort by the last name of each artist.

_____   _____

_____   _____

_____   _____

10. Your class has been building a database of all the people buried in local cemeteries for the county historical society. The president calls and asks for a report of the database. What is she asking for?

_____

_____

_____

What format of report would be the most useful and cost effective for her?

_____

_____

11. One powerful use of database is mail merge. To mail merge you need two things. Name them.

_____

Your club secretary has created a membership database. You decide to send a personalize a letter to the members. There are four places in the letter where you want to merge in the person's name. You discover that the <<name>> field contains: Mr./Mrs. First name Last name. How will this appear in the mail merged form letter? Use your name to fill in the blanks below.

Dear <<name>>_____,

We are working hard to make the club a more personal experience. We are contacting you,

<<name>>_____ to get your input and ask for assistance.

<<name>> _____begin by asking yourself, "How can I

contribute to this goal?"

We noticed you have not attended the last few meetings, <<name>>

_____. We certainly miss seeing you <<name>>

_____ . What activities or speakers would be of interest to you?

Sincerely,
Pers Anol
Read the note - Sounds silly doesn't it? Certainly, the letter is not at all personal!

12. Explain what occurs when you use an online database. _____

_____

_____

_____

Give 2 examples of online databases:

_____

_____

13. A common use of a database is to make labels. Usually these labels contain different information. For example, a name and address database is often used to print custom mailing labels. Each label has a new person's address. People often do this to send holiday cards. Give an example of when you would use a database to make special labels where the information on each label is identical.

_____

_____

14. AppleWorks and Excel provide flat databases. FileMaker Pro is a relational database. What is the difference?

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15. Your school has a lot of data on you. Read this article. Where do you stand on database privacy? Why?

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16. The Invisible Web is an important resource. Explain what it is and how to access it.

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Think about it - Challenge:

List four professions that utilize databases. _____

_____

_____

Follow up:

How do you do on the Database Quiz? http://www.school-resources.co.uk/DatabaseQuiz.htm

Quiz
http://www.catawba.k12.nc.us/pages/sites/edwebsites/computerskills/quizzes/databaseterms.htm

"The mark of a well educated person is not necessarily in knowing all the answers,
but in knowing where to find them." --Douglas Everett