VOCABULARY

The following words and terms are from *Biologically Speaking: Classification of Living Organisms*. Read each definition. On the line next to the definition write the letter of the vocabulary word that matches the definition. Then use a separate piece of paper to write each word in a sentence.

- A) class
 B) division
 C) family
 D) genus
 E) invertebrate
 F) kingdom
 G) order
 H) phylum
 I) species
 J) vertebrate
- the second most specific classification level
 classification level that comes between class and family
 an organism that has a segmented backbone
 the broadest classification category into which organisms are grouped
 a grouping of organisms that resemble each other and that are capable of reproducing to create fertile offspring
 an animal that does not have a spine
 the second highest and second broadest classification level for plants and fungi
 the second broadest classification grouping for animals
 organism grouping that falls between phylum or division and order
 classification level between genus and order

CHECKING COMPREHENSION

Answer the following questions. Use a separate sheet of paper it necessary.
1. What are the seven major levels in the classification of living organisms?
2. What is the broadest level of classification?
3. What is the narrowest level of classification?
4. What are the genus and species names for human beings?
5. Bacteria are single-celled organisms that are described as
6. Because they contain chlorophyll, euglena are capable of making their own food through
7. Fungi are plant-like organisms which cannot make their own food because they do not have
8. Fungi get their food from or from
9. Plants that have specialized cells that carry food and water throughout the organism are called
10. How do coelenterates obtain their prey?

13. Amphibians are a class of vertebrates that can live in and out of ______.

11. About 75% of all animals belong to the phylum ______.

- 14. What feature shows the reptilian origins of birds?

12. What differentiates the two classes of fish from one another?

15. The most advanced of the vertebrates are the class ______. Some features that distinguish the members of this class include _____.

S

WORD SEARCH

Read each vocabulary definition below. On the line before each definition write the appropriate word, then find each in the word search. Look up, down, across, backwards and diagonally to find the words.

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TRUE OR FALSE

Place a T next to statements that are true and an F next to statements that are false.

1.	 The classification levels, from the narrowest to the broadest, are kingdom, class, family, order, division/phylum, genus, species
2.	 Members of the Phylum Chordata have backbones.
3.	 Human beings have hair and produce milk for their young and are in the Class Mammalia.
4.	 The Plantae and Animalia kingdoms include large numbers of simple single-celled organisms.
5.	 Eukaryotic cells have a distinct nucleus and other distinct structures within their cell membrane.
6.	 Cyanobacteria are a major source of food and oxygen for animal life in lakes and ponds.
7.	 Pneumonia and tuberculosis are potentially fatal diseases caused by parasitic fungi.
8.	 Euglena move by extending their pseudopods.
9.	 The drug penicillin is derived from fungi.
10.	 Evergreen trees, such as pines, fir and spruce are Gymnosperms.