

Name _____

Date _____

CHAPTER

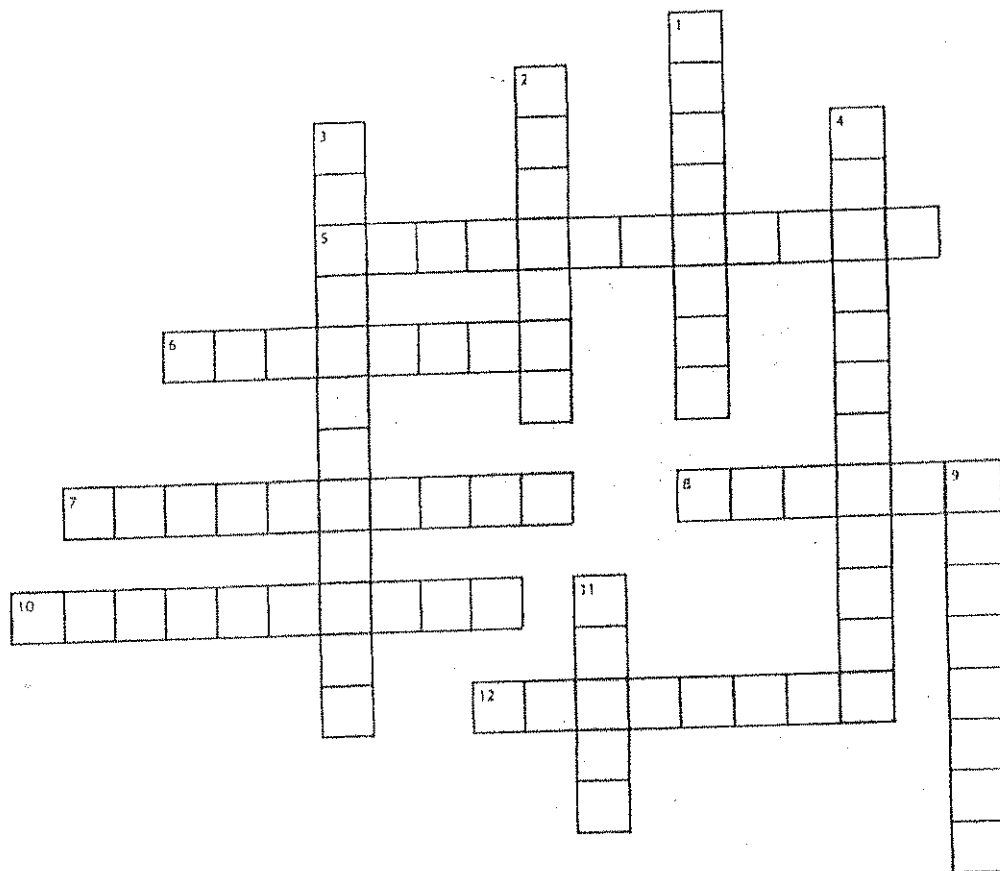
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CLASSIFICATION OF LIVING THINGS

7-2 Major Taxonomic Groups

Part I: Vocabulary Review

Complete the following crossword puzzle.



ACROSS

5. Tool used to identify organisms already classified by taxonomists
6. Phylum to which humans and other mammals belong
7. Plants and certain other organisms that make their own food
8. Kingdom that includes all prokaryotic organisms
10. Phylum to which grasshoppers and other insects belong
12. Phylum to which earthworms belong

DOWN

1. Kingdom to which eukaryotic organisms that are mostly unicellular belong
2. Kingdom to which mosses, liverworts, ferns, and seed plants belong
3. Organisms that obtain their food from the environment
4. Phylum to which the hydra belongs
9. Kingdom that includes multicellular eukaryotic organisms that usually can move from place to place on their own during some part of their life cycle
11. Kingdom to which molds, yeasts, mushrooms, rusts, and smuts belong

CLASSIFICATION OF LIVING THINGS

7-1 Classification

Part I: Vocabulary Review

Identify the term that fits each of the definitions below. Then, to reveal the biological concept, transfer the letters that have numbers beneath them to the corresponding blank spaces shown below.

1. branch of biology that deals with the classification of living things

_____ 17 _____ 26 _____ 19 _____

2. taxonomic category that includes closely related species

_____ 32 _____ 35 _____ 1 _____

3. broadest taxonomic category that includes related phyla or divisions

_____ 37 _____ 13 _____

4. taxonomic category that includes related classes _____ 2 _____ 24

5. taxonomic category that includes related orders _____ 4 _____ 8 _____ 28 _____ 11

6. taxonomic category that includes related families _____ 23 _____ 9 _____ 6 _____ 16

7. population of similar organisms that interbreed in nature

_____ 7 _____ 34 _____ 5 _____ 25 _____ 20

8. two-word system for identifying each kind of organism

_____ 10 _____ 31 _____ 18 _____ 3 _____ 36 _____ 29 _____ 22

9. theory that species gradually change over time

_____ 38 _____ 15 _____ 14 _____ 27 _____

10. preserved evidence of an organism

_____ 21 _____ 33 _____ 39 _____ 30 _____

CONCEPT:

_____ 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____ 10 _____ 11 _____ 12 _____ 13 _____ 14 _____ 15 _____ 16 _____ 17 _____ 18 _____ 19 _____
 _____ 21 _____ 22 _____ 23 _____ 24 _____ 25 _____ 26 _____ 27 _____ 28 _____ 29 _____ 30 _____ 31 _____ 32 _____ 33 _____ 34 _____ 35 _____ 36 _____ 37 _____ 38 _____ 39 _____