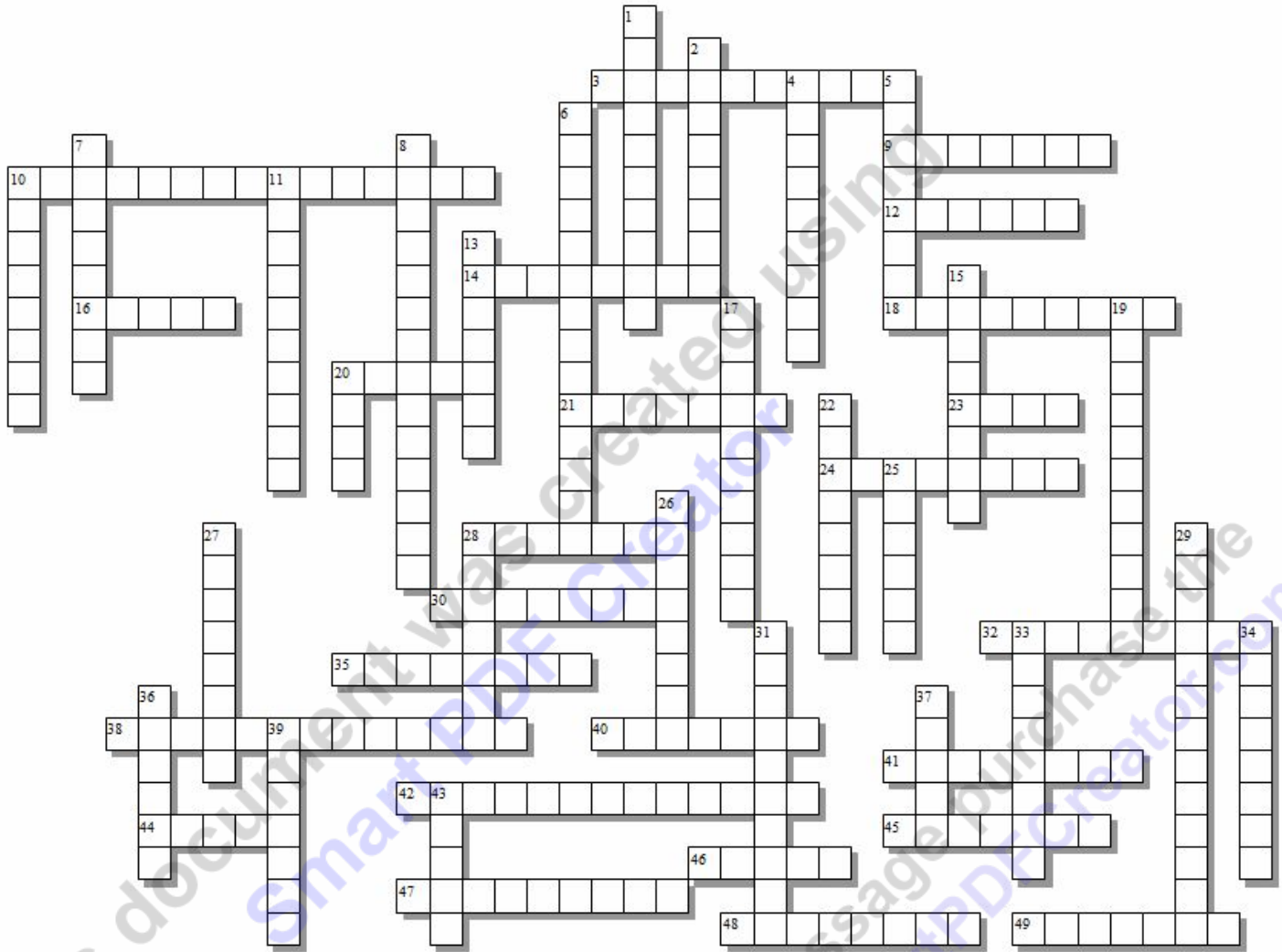


Taxonomy and Classification Unit Crossword

Name: _____



Across:

3 - This is the division of fungi that mold belongs to?

9 - Prokaryotic cells do not have a membrane bound _____ containing the DNA

10 - Name the phylum - The flatworms

12 - Algae and fungus growing together in a symbiotic relationship.

14 - This animal phylum has asymmetrical symmetry. (Ex. Sea Sponge)

16 - $6\text{CO}_2 + 6\text{H}_2\text{O} + \text{----- energy} = \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$

18 - This class of Arthropoda has 8 legs, no antennae or wings, two body parts, most live on land.

20 - This Kingdom is consists of multi-cellular (many celled) organisms that ingests food by absorption and reproduces using spores.

21 - This is a Superclass of jawless of fish.

23 - This class of chordata lays eggs, can fly, and

Down:

1 - Division of non-vascular plants that have no roots, stems, or leaves and transport nutrients using diffusion. B _____

2 - This animal phylum has tiny animals with wheels made of cilia that help it feed. (Can be found in sludge at waste water plants)

4 - This class of Arthropoda has a head and abdomen, Some have many legs (8+) with many jobs, most are aquatic

5 - Name the phylum - Segmented worms

6 - This is a very broad term which simply means putting things into groups.

7 - Humans belong to this Class.

8 - This term describes the process where plants make sugar from sunlight. Light energy is turned into chemical energy (sugars – carbon based).

10 - This Kingdom of Life can be single and multi-celled

11 - Which sub-class of mammals is missing? -

has a wishbone.

24 - This class of chordata lives a double life on land and in the water. No scales on skin.

28 - This Kingdom of Life is multi-cellular and makes its own food

30 - This animal phylum has soft bodies and sometimes shells. (Ex. Snail)

32 - Which of the three roles of fungi are missing? Mutualistic Symbiont, _____, Saprobic

35 - Which Kingdom of Life is Missing? Monera, _____, Animalia, Plantae, Fungi

38 - Mushrooms belong to this division of fungi?

40 - This Kingdom has cells walls and make their own food (photosynthesis), and lack the power of locomotion.

41 - This animal phylum has stinging cells (Ex. Jellyfish)

42 - This animal phylum has spiny skin (Ex. Starfish)

44 - These are the most primitive members of Plant Kingdom. They can be found as bacteria, protists, and plants.

45 - Binary _____ : The process by which a bacterium multiplies by splitting in two.

46 - Flowerless and seedless vascular plant, having true roots from a rhizome, and fronds that uncurl upwards; and reproduces with bisexual spores.

47 - Fungi and plants are divided into _____ instead of phyla

48 - Mean giving names for things. The Science of Classification

49 - Type of reproduction where one individual produces offspring that are genetically identical to itself. _____ Reproduction

Eutheria: Placental Mammals. _____

(Marsupials). -Prototheria / Monotremes (Egg laying mammals).

13 - This is a group of organisms with similar characteristics, produce fertile offspring, and has similar DNA.

15 - This class of chordata has hair, moves, mammary glands, four chambered heart, and much more.

17 - This animal phylum has segmented joints, exoskeleton, and bilateral symmetry

19 - This type of key is a tool that allows the user to determine the identity of items in the natural world.

20 - One characteristic of mammals are that they have a _____ chambered heart.

22 - A slender threadlike structure, esp. a microscopic whiplike appendage that enables many protozoa, bacteria, spermatozoa, etc., to swim.

25 - Which Taxonomic rank is missing? Domain, Kingdom, _____, Class, Order, Family, Genus, species.

26 - Name the phylum - Roundworms

27 - This class of chordata has scales and lays eggs.

28 - An organism with a Eukaryotic single cell, or colonies. Lacking tissues and eats, makes, or decomposes for food.

29 - This is a Superclass of fish with jaws

31 - Which domain of life is missing?

Archaeobacteria, _____, Eukarya

33 - This Kingdom of Life is multi-cellular and eats its food

34 - This phylum of animalia has a backbone or notocord.

36 - Which type of animal symmetry is missing? Asymmetrical, _____, Bilateral

37 - This Kingdom of Life is multi-cellular and absorbs its food

39 - This class of Arthropoda has six legs, three body parts, compound eyes, two antennae, and can fly.

43 - Many hairlike projections from the surface of a cell that provides locomotion.

Possible Answers: Agnatha, Algae, Amphibia, Animalia, Annelida, Arachnida, Arthropoda, Asexual, Aves, Basidiomycota, Bryophytes, Chordata, Cilia, Classification, Cnidaria, Crustacea, Dichotomous, Divisions, Echinodermata, Eubacteria, Ferns, Fission, Flagella, Four, Fungi, Fungi, Gnathostomata, Insecta, Lichen, Light, Mammalia, Mammalia, Metatheria, Mollusca, Nematoda, Nucleus, Parasitic, Photosynthesis, Phylum, Plantae, Plantae, Platyhelminthes, Porifera, Protist, Protista, Protista, Radial, Reptilia, Rotifera, Species, Taxonomy, Zygomycota