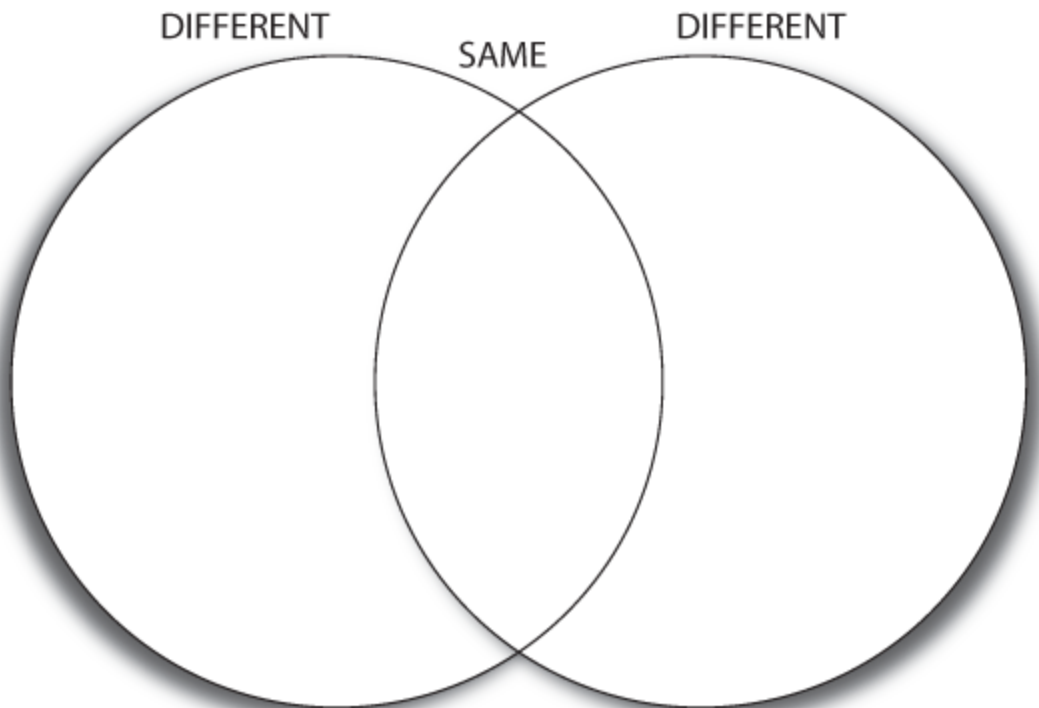


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1. Sketch an amoeba. Label the structure used for movement.
2. Sketch an euglena and label the structure it uses for movement
3. Sketch a paramecium and label the structure used for movement.
4. How does a volvox move? What is unique about Volvox?
5. Why are algae considered plant-like protists?
6. Compare and contrast plant and animal cells using a venn diagram.

Venn Diagram

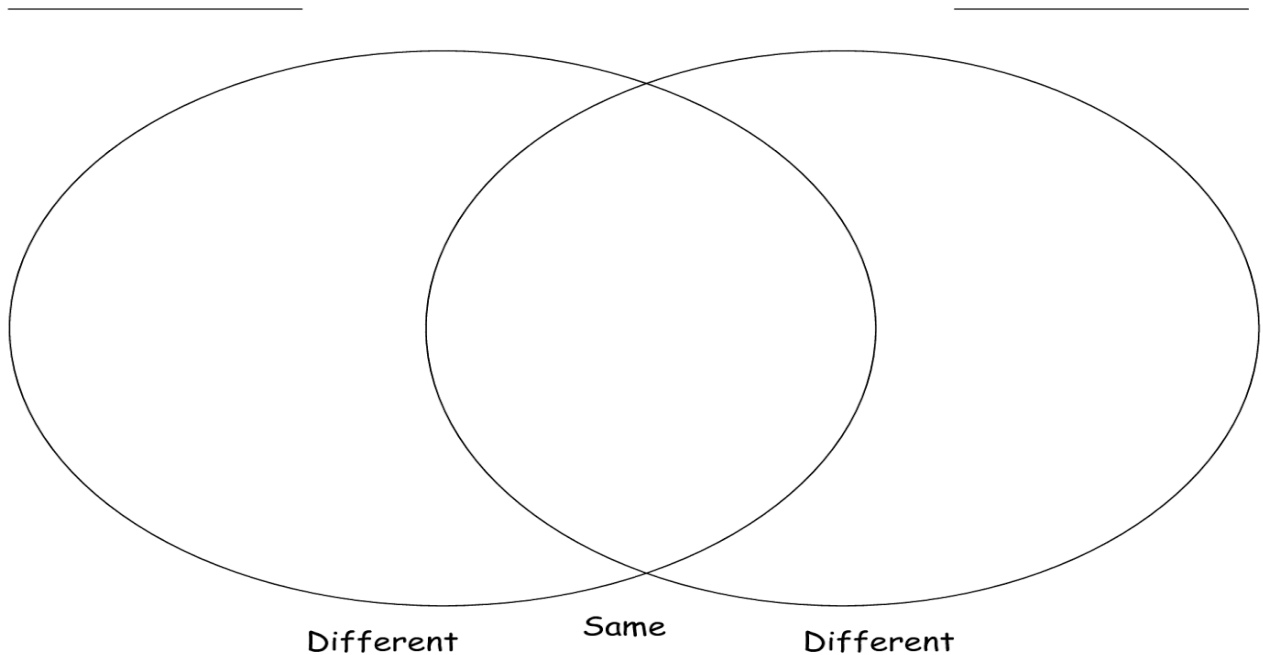


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7. Describe the role of the following cell organelles
 - a. Mitochondria
 - b. Nucleus
 - c. Vacuole
 - d. Golgi apparatus
 - e. Endoplasmic reticulum
 - f. Ribosome
 - g. Cell Membrane

8. Create a Venn Diagram comparing and contrasting Asexual and Sexual Reproduction. Include the process of cell division and their phases, the number of parent cells involved, the number of daughter cells produced, and the genetic outcome of the daughter cells.

Venn Diagram Comparing and Contrasting



What are three types of Asexual reproduction?

How many chromosomes are contained in gametes (compared to the normal number of chromosomes)?

What is fertilization?

What is budding?

Describe regeneration.

Who was Gregor Mendel?

What accounts for the diversity of species over time?

	P	P
p		
p		

The Punnett square above shows a cross between a purple flower and a white flower. What percentage of offspring from this cross will have the genotype pp?

Review all material from Benchmark 1.

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