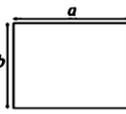
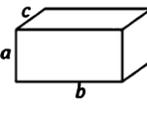
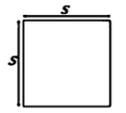
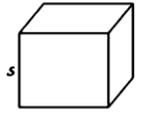
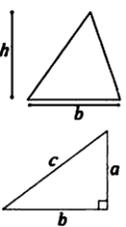
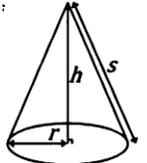
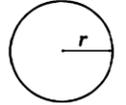
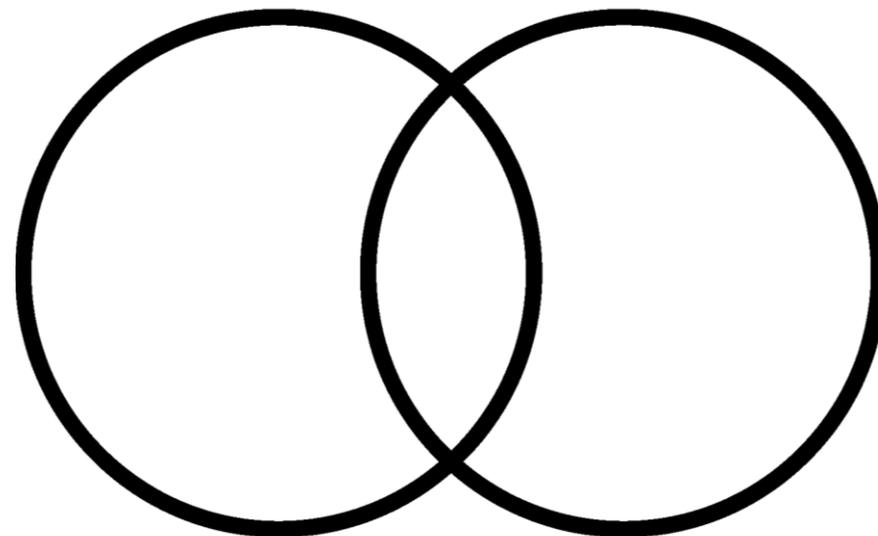


term	book definition	in my own words	example from lecture	new example

Matrix

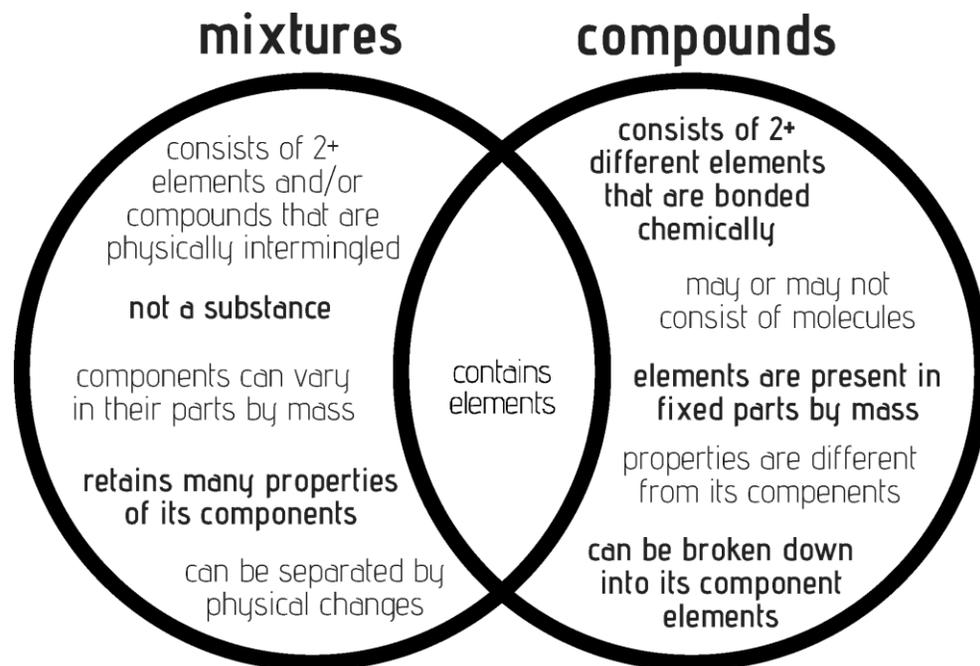
A matrix is used when same types of information are provided in the notes or text for a range of topics. In the below example, all shapes have a **perimeter**, **area**, and **volume**. A matrix helps organize information by showing its relationship to similar categories of information.

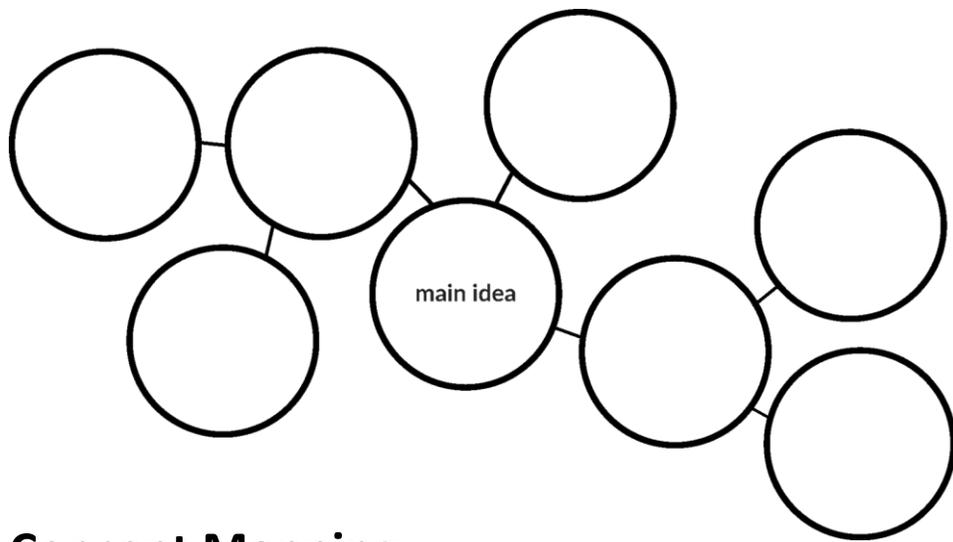
Shape	Perimeter	Area	Shape	Volume
Rectangle 	$2a + 2b$	ab	Rectangular solid 	abc
Square 	$4s$	s^2	Cube 	s^3
Triangle 	$a + b + c$	$\frac{1}{2}bh$	Right circular cone 	$\frac{1}{3}\pi r^2 h$
Circle 	$2\pi r$	πr^2	sphere 	$\frac{4}{3}\pi r^3$



Venn Diagram

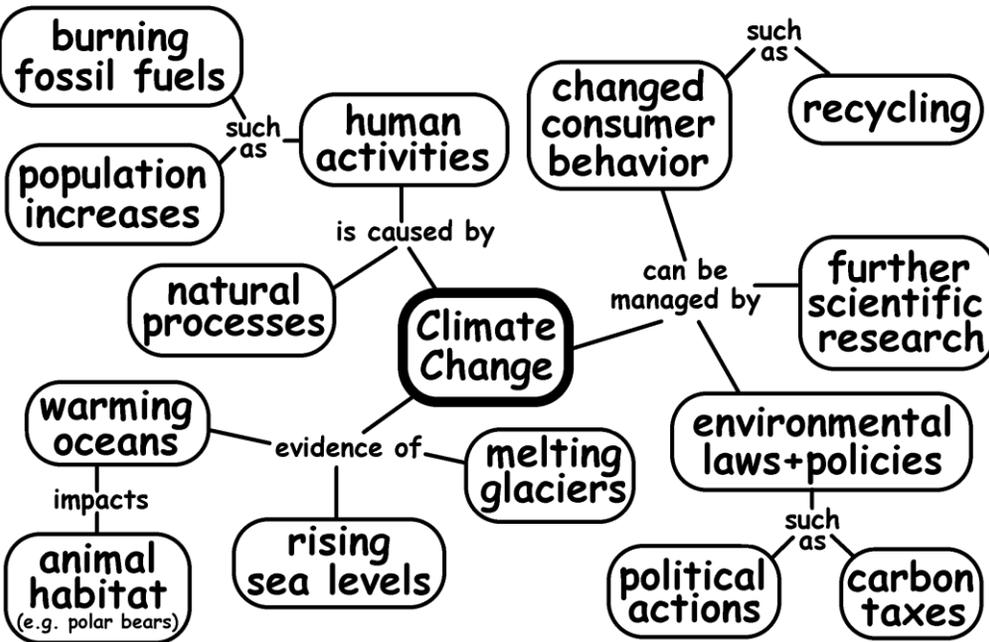
A Venn Diagram compares the similarities and differences between two concepts, systems, or theories. Draw two overlapping circles with each circle labeled as one of the two concepts. Write the similarities in the overlapping portion and then the differences in the outer portion of the circles. This is a good visual technique for reviewing similar yet contrasting concepts.





Concept Mapping

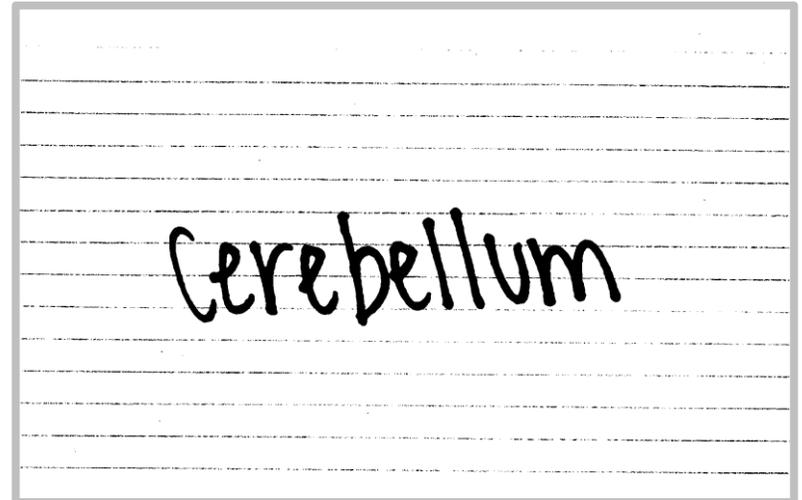
The concept map will look like a big spider web when you are finished. Identify the central word, concept, or question around which to build the map. Start with a circle in the middle or at the top of the page and include the main idea within. Extend branches out from the main circle that include all the subtopics from the main idea. Continue to add additional branches with related topics. Write short phrases to show how the branches connect with the circles. Mapping encourages you to see the overall big picture and helps to bring focus away from minor details and back to the main ideas.



Concept Card

On the front of the card, write the term, phrase, or concept that you are studying. On the back of the card, include **at least two** of the following:

- book definition
- notes/lecture definition
- a definition in your own words
- summary of the concept or process
- formulas needed
- a picture or diagram
- important characteristics
- examples or applications
- expectations or caution
- other important/useful info



<p><u>Functions</u></p> <ul style="list-style-type: none"> • regulates voluntary movements → posture → balance → coordination → speech → vision 	<p><u>Receives Info from...</u></p> <ul style="list-style-type: none"> • sensory systems • spinal cord • other parts of brain
<p><u>Symptoms of a disorder...</u></p> <ul style="list-style-type: none"> • lack of muscle control/coordination • difficulties walking/mobility • slurred speech & difficulty breathing • abnormal eye movements • headaches 	<p>cerebellum</p>