

Earth and Moon



Complete the diagram below about the earth & moon. What are the similarities and differences?

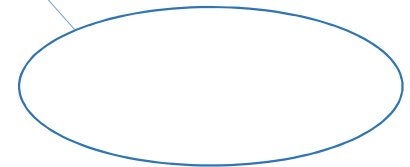
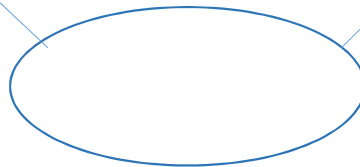
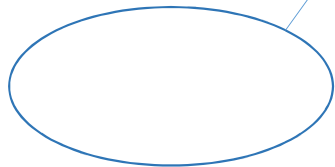
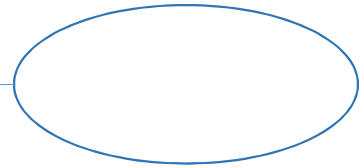
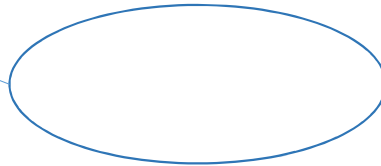
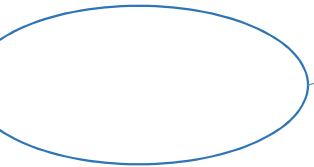
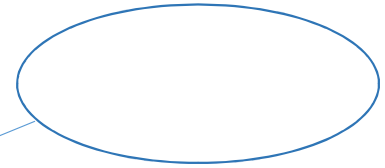
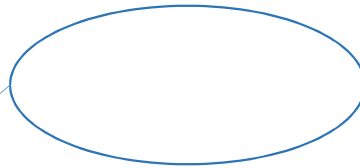
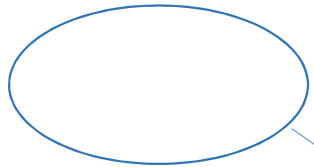
Unique to Earth

Common Traits

Unique to Moon

Earth

Moon

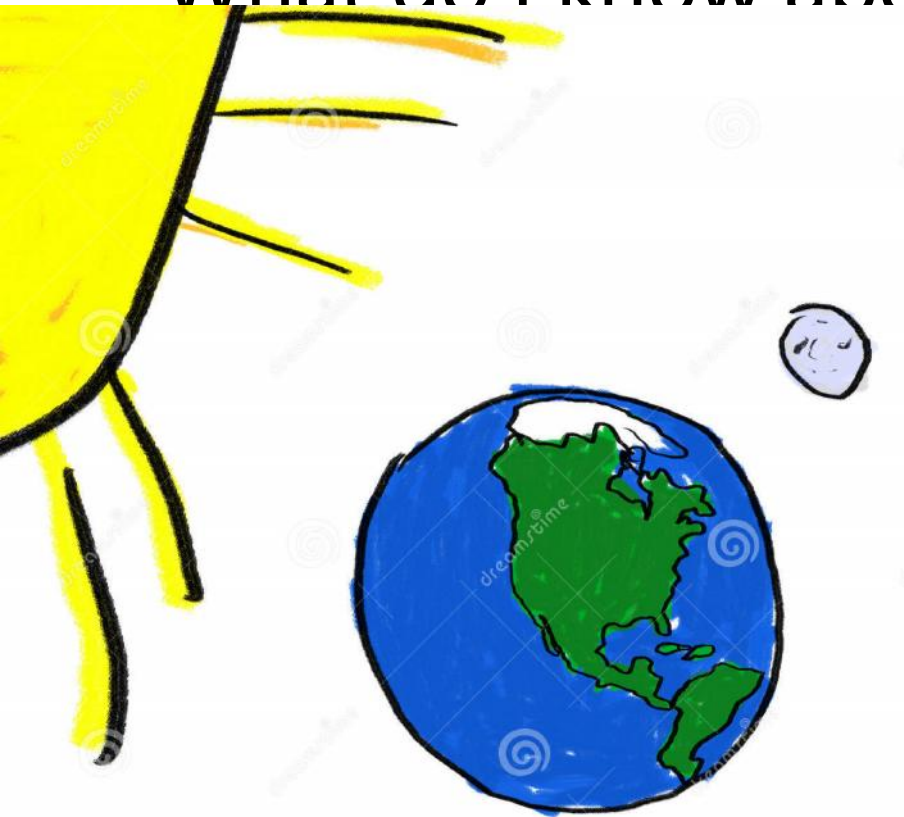


If the earth was a balloon and the moon was a baseball, how far apart would they be?

- Model what you think.



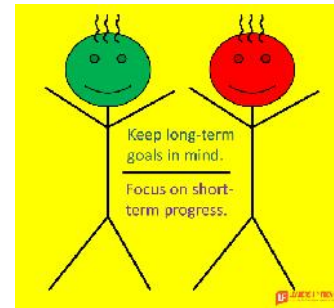
What do I know about the Earth and Moon



- [A perspective of distance](#) Video (6.5 minutes)
- Additional Resources
- [An Overview Video](#) (3.5 minutes)
- [A review](#) (take the quiz)








Now figure it out ????

- Use the handout and complete all calculations.
- What is your conclusion?



Be prepared to share



-  Provide a summary of your activity
-  How does this activity promote constructive thinking?
-  What is the mathematical content in the activity?
-  What is the scientific content in the activity?
-  What are the connections you saw between math and science?
-  How can this activity be modify for different groups of students – age appropriate? Integration of math and science?
-  What are barriers to doing?