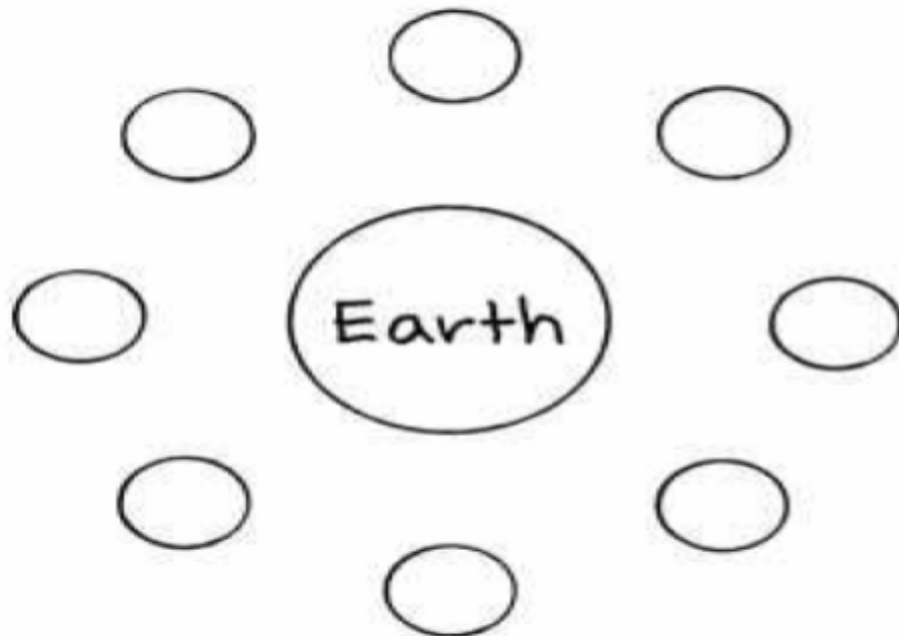


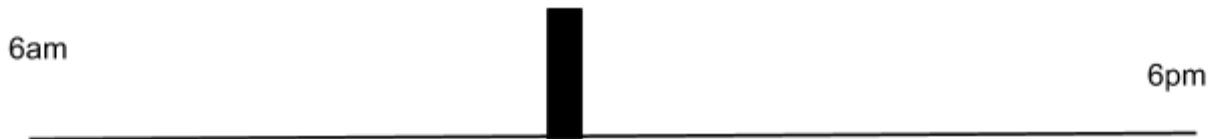
1. One complete revolution of Earth around the sun takes about...
2. The strength of the force of gravity depends on...
3. The tendency of a moving object to continue moving in a straight line or a stationary object to remain in a place is called...
4. The two factors that combine to keep Earth and the moon in their orbits are
5. What are the characteristics used to classify stars?
6. The brightness a star would have if it were at a standard distance from Earth is
7. Why do we have different faces of the moon?

8. Draw and label the phases of the moon
- a. New moon
  - b. Waxing crescent
  - c. First quarter
  - d. Waxing gibbous
  - e. Full moon
  - f. Waning gibbous
  - g. Third quarter
  - h. Waning crescent



9. For the following picture draw the shadow that corresponds with the time given.

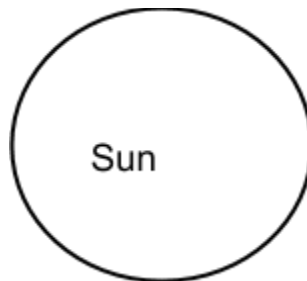
12pm



10. Explain why the length of shadow gets longer, then shorter, and then longer again.

11. Why do the stars seem so dim to us on earth?

12. Draw and Label the Seasons



13. Which way does gravity pull objects?

14.