ESS 100

Final Exam Notes --Cycles Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**The rock cycle:**

1. Describe what would have to happen for any rock to turn into an igneous rock.



2. What would need to happen for any rock to turn in to a sedimentary rock?

3. What causes rocks to turn into metamorphic rocks?

**The water cycle:**

For each of the four parts of the water cycle, explain what is happening to water, and explain why.

4. Evaporation:

5. Condensation:

6. Precipitation:

7. Collection:

**Seasons:**

8. What are the two causes of seasons?

 a.

 b.

9. Why is it hotter in the summer and colder during the winter?

 a.

 b.

10. Correctly shade the Earth’s in the diagram below.

11. Identify each of the following for the Northern Hemisphere:

* The first day of Summer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* The first day of Winter: \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* The first day of Spring: \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* The first day of Fall: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. Label each Earth with the date and the name of the day.

