**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PERIOD: \_\_\_ DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**NOAA WATER CYCLE VIDEO QUESTIONS**

Go to my website, click on the NOAA video, Water Cycle, and answer the questions below.

1. What is the water cycle?
2. How is the water cycle powered?
3. What are reservoirs?
4. How is water distributed in reservoirs?
5. What role do tides, waves, and currents have in the distribution of water?
6. How is the planet's extreme temperatures moderated?
7. How is fresh water vapor formed?
8. Why does condensation occur?
9. How are clouds formed?
10. What is precipitation and why does it form?
11. Where do icecaps and snowfields form and why are they significant?
12. What is runoff and how does it form?
13. What is surface water and its significance?
14. What happens to most precipitation?
15. Where is the vast majority of liquid fresh water found?
16. What happens to shallow groundwater?
17. Why is ocean water salty?
18. How is water added and removed from the water cycle?
19. How likely are the events in 18?
20. Draw a detailed picture of the Water Cycle include all the major processes such as precipitation, transpiration, evaporation, runoff, infiltration, condensation,