EARTH SCIENCE 2018/2019 **HOMEWORK #22**

NAME:

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1. **Reading Material: on the school website, on our class homework page, find and study "Hydrologic Cycle".**

2. Based on the above, **list the components of the Hydrologic (Water) Cycle.**

3. **Total amount of water on Earth is ~1,386,000,000 cubic kilometers (km^3). The Earth's surface area is ~510,000,000 square kilometers (km^2). Estimate how deep,** on average, **would the "World Ocean" be if it covered the Earth completely and evenly?** Show your work!

4. Estimate **how much water is contained in the Atmosphere.** (Hint: use Freshwater Distribution Chart from class presentation to find the *percentage* first, then convert it into *quantity* using information about the total amount of water on Earth given in the previous problem.) Show your work!