

NAME:

- 1. Reading Material: on the school website, on our class homework page, find and study “Hydrologic Cycle”.**
- 2. Based on the above, list and describe the components of the Hydrologic (Water) Cycle.**

3. OPTIONAL (Math Alert 😊)

Total amount (volume) 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, in kilometers (km), on average, would the “World Ocean” be if it covered the Earth completely and evenly? Show your work!

(Hint#1: recall that $VOLUME = Depth \times Width \times Length = Depth \times AREA$)

(Hint#2: in Metric System, land area is typically measured in “square kilometers” or $\text{km}^2 = \text{km} \times \text{km}$; volume is measured in “cubic kilometers” or $\text{km}^3 = \text{km} \times \text{km} \times \text{km}$)