EARTH SCIENCE 2019/2020 **HOMEWORK #18**

NAME:

1. **If you compare *equatorial* ocean water temperature <u>at the surface</u> and <u>in the deep close to the bottom</u>, what do you observe? Why?** (Hint: review Slides #1-2 of the class presentation.)

2. **Does your observation change as you repeat the comparison <u>within the *Arctic or Antarctic circle*</u>? Why?** (same hint)

3. **What processes in the ocean can result in:**

    a. **…a <u>local increase of salinity</u>?**

    b. **…a <u>local decrease of salinity</u>?**