

---

PLEASE SUBMIT YOUR WORK THROUGH GOOGLE CLASSROOM

---

1. **Review Slides #6-11 of Lecture 18.** Use map on Slide #8 to answer question 2a below.
2. **Let us consider equatorial ocean waters:**
  - a. What is the approximate ocean *surface* temperature at the equator?
  - b. What is the temperature of water in the *deep* (close to the bottom)?
  - c. Is there a big difference? If yes, why?
3. **Play with Slides #9 and #10 (switching them back and forth) to view the seasonal change of the surface ocean temperature distribution.**
4. **Based on Slide #11, the *southern tip of which landmass(es)* is surrounded by cold water (below 60 degrees Fahrenheit) year-round?**
5. **Based on Slide #6, which ocean, Southern or Arctic, has lower surface salinity?**
6. **Take a look at the last slide of Lecture 18 (Ocean Layers, not covered in class).**