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1. **Review Lecture 19.**

2. **Based on Slide #4, which ocean, Southern or Arctic, has lower surface salinity?**

3. **Let us consider equatorial ocean waters:**

a. **What is the approximate ocean surface temperature at the equator (Slide #6)?**

b. **What is the temperature of water in the deep (Slide #5)?**

c. **Is there a big difference? If yes, why?**

4. **Play with Slides #7 and #8 (switching them back and forth) to view the seasonal change of the surface ocean temperature distribution.**

5. **Based on Slide #9, the *southern tip of which landmass(es)* is surrounded by cold water (below 60 degrees Fahrenheit) year-round?**