

Name\_\_\_\_\_

Sci#\_\_\_\_\_

Fluids and Pressure pages 162-165

1. What is a fluid?
2. What is pressure?
3. What is atmospheric pressure?
4. What is density?
5. How are dogs, flies, dolphins, and humans connected by fluids?(162)
6. What are the two characteristics that define every fluid?(162)
7. What can the particles in a fluid do that particles in a solid can't do?(162)
8. Why does a tire expand as you pump air into it?(162)
9. What is the formula for pressure?(162)
10. Can you blow a bubble that is cube-shaped? Explain your answer.(163)
11. The depth of a fluid is related to the pressure it exerts. The deeper you go in a fluid, what happens to the pressure?(164)
12. Why do your ears pop as atmospheric pressure decreases?(164)
13. Would you feel more pressure 5 m underwater in a pool or 2 m underwater in a lake? Explain.(165)
14. Which is denser water or air?(165)