

3.1 Bill Nye- Fluids (video worksheet)

Name: _____ Date: _____ Period: _____

1. Fluids _____, like water.
2. Everything we touch is either a _____, _____, or a _____.
3. Liquids and gases are _____.
4. We can _____ through fluids, like swimming.
5. The marbles are like _____ of a _____.
6. Fluids are _____, that's why they rise. Then, they _____ when they _____.
7. When a solid passes through a fluid there is _____ (friction).
8. Biking helmets are shaped to _____ drag.
9. The _____ of an object has a large effect on the resistance on it.
10. How can big, heavy planes fly? The air gets _____ back by the large fans. Air is pushed _____ and _____ while the plane is pushed _____ and _____.
11. _____ makes the wind blow and ocean currents.
12. Hot fluids _____ colder fluids.
13. Warmer fluids have _____ molecules.
14. _____ holds water together.
15. The viscosity of a liquid refers to how _____ it is; how easily it _____.
16. When things rub together there is _____.
17. NOW! Fluids can _____, _____, and _____.
18. What is Bill in at the end of the show? _____.