

Bill Nye Buoyancy Video Questions (10 points)

1. The whole reason things stay afloat or sink is because water is _____.
2. If you are _____ water, you are pushing it out of the way.
3. The shape of a boat does / does not make a difference on whether or not it will float. (circle one)
4. Things will / will not sink until they float. (circle one)
5. An item will _____ until it displaces as much water as it weighs.
6. One person leaving one piece of trash on a beach causes / does not cause a problem. (circle one)
7. By filling their swim bladders with _____ fish can control their depth in water.
8. Something has _____ buoyancy if it doesn't either sink or float.
9. It is possible / impossible to float in air. (circle one)
10. If the amount something weighs is the same as the displaced weight of the water, it _____.