

Buoyancy

Video with Bill Nye

Name: _____

You are capable of full sentence answers!

1. The _____ of _____ makes things float.
2. What does the word "displacement" mean?
3. A ball of tin foil sinks to the bottom of an aquarium. Another piece of tin foil the same size can float. What makes the difference?
4. What did Archimedes figure out about displacement and volume?
5. If an object has positive buoyancy, what will it do when placed in water?
6. If an object has negative buoyancy, what will it do when placed in water?
7. If an object has neutral buoyancy, what will it do when placed in water?
8. When is neutral buoyancy useful or necessary?