

Watch the following video on Fluid Mechanics and answer the questions below

<https://app.discoveryeducation.com/learn/player/5051b9b3-998f-4bd1-8ce7-1b21200b380c>

1. State Bernoulli's principle
2. How does an old fashion perfume bottle relate to Bernoulli's principle?
3. How does the velocity of air relate to pressure causing lift?
4. What is the law of floatation?
5. How is the weight of the fluid and the weight of an object related to each other for an object that floats? For an object that sinks?
6. How does the density of water determine how buoyant a ship is?
7. What did Archimedes find?
8. What is Archimede's principle?
9. What is buoyancy?
10. _____ fluids will create a greater buoyancy
11. What is Pascal's law?
12. Why did the cotton go down in the bottle when squeezed?