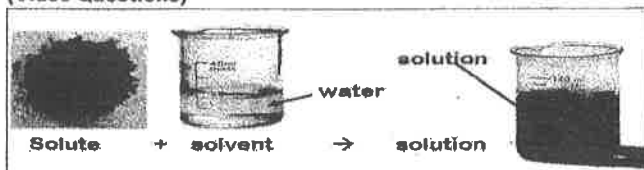


**Video: When Chemicals Meet Water: Properties of Solutions  
(Video Questions)**



- 1. What is a solute? What is a solvent? What is the "Universal Solvent"?**
- 2. Do you think coffee is a pure substance or a solution? Explain your answer.**
- 3. How do you think liquid solvents are able to dissolve solids?**
- 4. Explain what happens when a SCUBA diver gets the bends.**
- 5. Describe what happens when salt is dissolved in water**
- 6. What are some parameters used in brewing coffee?**
- 7. Provide an example of how Henry's Law (Not named after me!) is applied in a real-world situation.**
- 8. How does too much Carbon Dioxide affect our oceans?**
- 9. What is the "Ammonia Fountain"; How does it work?**
- 10. What is the name of the yellow precipitate that formed in the demo?**