

JUNIOR CHEMISTRY: SOLUTIONS 1

<http://www.youtube.com/watch?v=w0DZ3wDIYek&feature=related>

1. Decide: true or false?

- a. Molecular solutions are electrolytes.
- b. Distilled water is an electrolyte.
- c. Acids are strong electrolytes and their pH is between 0-4.
- d. Most molecular solutions are colourless in nature.
- e. Bases have pH lower than 7 and they are not electrolytes.
- f. Sucrose, being a molecular compound dissolved in water, doesn't conduct very well.

2. Answer the questions:

- a. What kinds of chemical compounds are strong electrolytes?
- b. What's the difference between a negative ion and a neutral ion?

3. Give examples for:

- a. Weak acids which are poor electrolytes:

➤

- b. Strong acids which are strong electrolytes:

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