

Worksheet: Electrolytes

1. Classify the following as electrolytes or nonelectrolytes:

(Don't worry about weak or strong)

a. LiNO_3

b. C_8H_{18}

c. $\text{C}_2\text{H}_6\text{O}$

d. H_2SO_4

e. AlCl_3

2. For the electrolytes in question 1, write a reaction showing dissociation of the ions. (Assume complete dissociation)

3. What would happen to a light bulb if it were put into salt water? Into sugar water?