Spoken Tutorial - PhET Simulations for Chemistry- Assignment Funded by Ministry of Education, Govt. Of India Indian Institute of Technology Bombay https://spoken-tutorial.org

Tutorial Name: "Salts and Solubility"

Assignment 1

- 1. Add more water to the container and observe the dissolved and bound ions in water.
- 2. Check the solubility of the salts given in the salt drop-down on the right panel.
- 3. Note the ratio of ions in each salt.
- 4. Note the number of ions at saturation for each salt.

Assignment 2

- 1. Explore more salts with various combinations of charges and Solubility Products.
- 2. Calculate the molar solubility and Solubility Product for the salts.

Table 2.2

S.No	Name of the salt	Solubility Product (K _{sp}) expression S is Solubility	Solubility (S) in moles/L	Solubility Product (K _{sp})
1	Silver Bromide			
2	Thalium(I) Sulfide			
3	Copper(I) Iodide			
4	Silver Arsenate			
5	Mercury(II) Bromide			