

Post-Activity Assessment **Answers**

Please answer the following questions to the best of your ability.

1. You add salt to a cup of water, stir, and the salt disappears.
The salt is said to be _____. Circle your choice below.

Soluble **Insoluble**

For the following two statements, circle True or False.

2. A solution with a higher concentration of a compound will scatter more light.

True False

3. By using a set of standards with known values of a certain property, you can infer information on the same property of unknown samples.

True False

4. Describe one method that a scientist or engineer uses to measure concentration of chemicals in a liquid sample.

Scientists or engineers can measure the concentration of chemicals in a sample of liquid by detecting how much light that sample will scatter.

5. Define *concentration*.

Concentration is a property describing the amount of a component in a given volume of liquid.

6. Did you enjoy the activity measuring concentration?

(opinion question)

7. Is there anything you would have liked to do differently in the activity?

(opinion question)

8. What did you learn about measuring the concentration of solutions?

(no right/wrong answer)