

Pre-Activity Assessment **Answers**

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

1. Describe one reason why engineers might need to measure concentration in a liquid sample.

One reason that engineers would need to measure concentration in a liquid sample would be to detect how much of a pollutant is present in water.

2. Brainstorm two methods that you think a scientist or engineer might be able to use to measure the concentration of chemicals in a liquid sample.

With chemical detectors

With color or light detectors

For the following three statements, circle True or False.

3. Light that passes through a sample is said to be “reflected.”

True

False

4. When you dissolve a solid in a liquid, you can always see the particles afterwards.

True

False

5. A compound is insoluble when it does not fully dissolve in liquid.

True

False