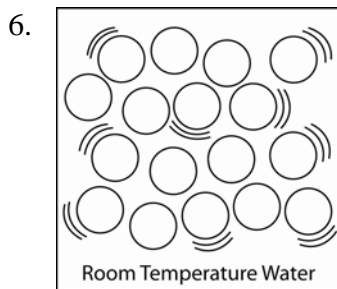


## Chapter 1, Lesson 1 Activity Sheet Answers

1. The water held together.
2. The water held together in a drop.
3. It was not so easy to separate the drop.
4. The drops came together easily. When they touched, they quickly joined together.

### DEMONSTRATION

5. The water molecules must be moving. The food coloring molecules may be moving too.



The circles should be close together, but not touching. Most circles should have two motion lines around them to signify movement.

7. Water molecules are attracted to one another.
8. The water molecules are attracted to each other and the film is in super slow motion.
9. When a drop of water hangs from your finger, the water molecules are attracting each other and holding the drop together so that it keeps its shape and doesn't come apart. Also, maybe the water molecules are also attracted somewhat to the skin on your finger so they hang from it.