

CHECK AND REFLECT

1. Write a short paragraph to describe viscosity. Include at least two examples of fluids, and use the words *flow*, *fluid*, *particles*, and *viscosity* in your description.
2. Describe two substances that are useful because of their viscosity.
3. In a fair test, you have to keep all the variables the same except one. That way, you can see the effect of the one variable. If you had to do a ramp test for viscosity:
 - a) What would you change during the tests?
 - b) What things would you keep the same for each test?
4. You are given three samples of the same shampoo at three different temperatures: 35°C, 50°C, and 75°C. Which sample would have the highest viscosity? Which sample would have the lowest?
5. You are making cookies that call for 3 tablespoons of molasses. But you are having trouble measuring out the thick, syrupy liquid. What could you do to make it easier to pour and measure this fluid?

