**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Which Is Better:**

**Soap or Hand Sanitizer?**

Video link: <https://www.youtube.com/watch?v=x7KKkElpyKQ>

1. Which are some of the characteristics of lipids like the ones found on many viruses?
2. Pin shaped
3. Heads attracted to water, tails repulsed by water
4. Heads are usually to the outside of the layer and tails are to the inside
5. Form a shell in water
6. Stick loosely together
7. All of the above describe lipids
8. Hydrophobic means?
9. Attracted to water
10. Water has no effect on it
11. Not attracted to water
12. Both attracted and unattracted to water depending on the circumstances
13. Hand sanitizer contains high concentrations of alcohol such as?
14. Methanol
15. Isopropanol
16. Ethanol
17. Both b and c
18. All of the above

OVER 🡪

1. The alcohol in hand sanitizer disrupts the hydrophobic effect and what occurs?
2. The molecules get room to move around
3. The cell membrane of the cell collapses
4. The spike protein crumbles
5. All of the above
6. Attempting to wash away the virus with just water and no soap is ineffective. Why?
7. Although you can destroy the virus in just seconds with soap or hand sanitizer, you need to continue to wash your hands for at least 20 seconds. Explain why.