Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Bill Nye: Phases of Matter**

[*https://www.youtube.com/watch?v=MBgM73DLK1s*](https://www.youtube.com/watch?v=MBgM73DLK1s)

*Answer the following questions as you watch the movie.*

1. Bill Nye the Science Guy is brought to you by \_\_\_\_\_\_\_\_\_\_\_\_\_?

2. The 3 phases of matter are? \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_, or\_\_\_\_\_\_\_\_\_\_\_\_.

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the difference between solid steel and liquid steel.

4. The molecules in the frying pan were so excited they \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

5.Liquid nitrogen is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ degrees Celsius.

6. No molecular motion what so ever is called \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_.

7. What is kept in the silo’s at the coke factory? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. How can you figure out that invisible gas in matter? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_.

9 Plaster is like \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

10. The liquid metal that was poured into the mold was named \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_.

11. Come up with two questions that you have about phases of matter that were not answered in the movie.

1.

2.

***Research the Answer to your two questions after the movie***