Bill Nye – States of Matter

Name	
1.	What are the three phases of matter?
2.	What is required in order to change the phase of any type of matter?
3.	What is the boiling point of liquid nitrogen?
4.	What does liquid nitrogen do to the molecules of the three objects Bill "cooks?"
5.	What is pressure?
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6.	What is absolute zero?
7.	Why can't we get any type of matter to absolute zero?
8.	What is the "fizz" in Coca Cola?
	the next three questions, you can use either words or a picture to answer:
9.	Describe the speed & distance of molecules in a solid:

10. Describe the speed & distance of molecules in a liquid:

11. Describe the speed & distance of molecules in a gas:

12. How do they demonstrate that gases have mass?