

Bill Nye – Phases of Matter

As you watch Bill Nye *Phases of Matter*, answer the following questions:

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

2. The universe of made of _____.
3. Matter comes in three phases (states). They are: a. _____ b. _____ c. _____
4. The difference between molten steel and solid steel is _____.
5. Solid, liquid, and gas are all phases of _____.
6. Getting things to change phase takes _____.
7. Water vapor is invisible. True False
8. If we want to change a _____ to a _____, you would have to take away energy.
9. Liquid nitrogen is so cold, the energy in the room can make it _____.
10. The faster the molecules are going, the _____ the gage will read.
The slower the molecules are going, the _____ the gage will read.
11. When the motion of molecules stop, that is called _____
_____.
12. Scientists have reached absolute zero. True False
13. The Way Cool scientist works for the _____ company.
14. The gas is _____ than the air so the bag goes down.
15. When matter is in the gas phase, it takes the _____ of its container.
When matter is in the liquid phase, it takes the _____ of its container.
16. Bill Nye tells that he is cooking, changing the _____ of
_____.