

All questions are worth 1 point unless otherwise indicated:

1. True or false? Molecules are moving in a solid
2. True or false? Molecules are moving in a liquid
3. True or false? Molecules are moving in a gas
4. What is a fluid?

Match each state of matter to the correct property

5. Solid	A. Molecules can slip and slide around each other.
6. Liquid	B. Molecules can only vibrate
7. Gas	C. Molecules can move freely away.

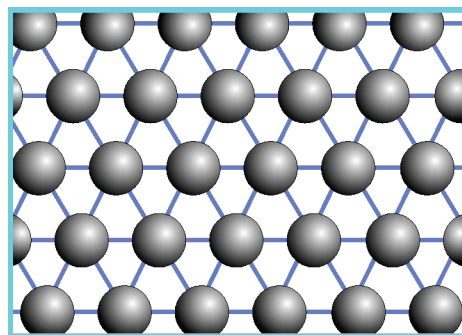
8. Solid	D. Takes shape of container but not volume.
9. Liquid	E. Takes volume and shape of container
10. Gas	F. Neither shape nor volume can change.

11. Solid	G. Molecules remain in a grid structure.
12. Liquid	H. Molecules are loosely attracted to each other.
13. Gas	I. Molecules have very weak attraction and can freely move away from each other.

Match each state of matter to a picture of molecules in that state of matter:

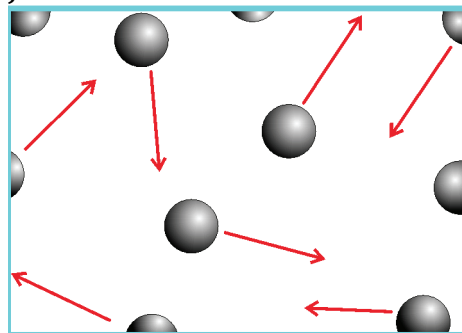
14. Solid

K



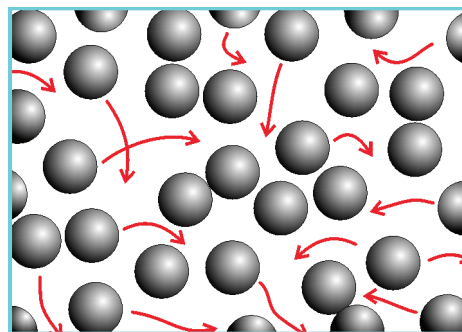
15. Liquid

J



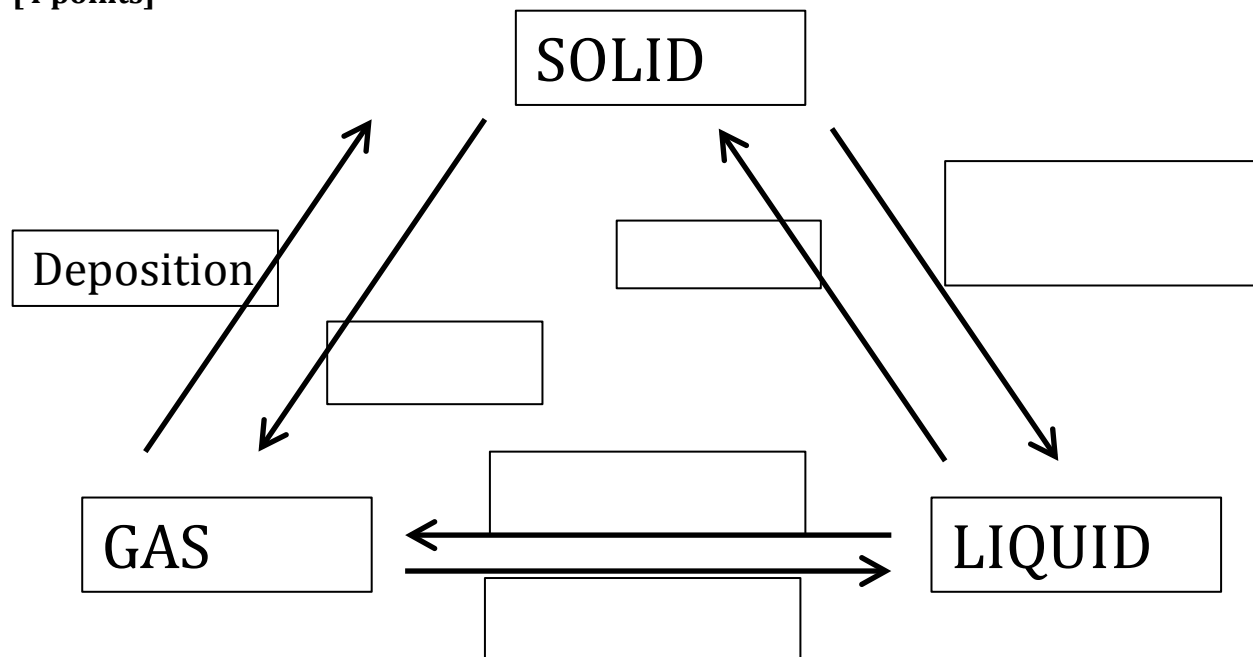
16. Gas

L



Changes of State:

**Fill in all of the empty boxes below
[4 points]**



Answers:

- 1. true**
- 2. True**
- 3. True**
- 4. A liquid or a gas**
- 5. B**
- 6. A**
- 7. C**
- 8. F**
- 9. D**
- 10. E**
- 11. G**
- 12. H**
- 13. I**
- 14. K**
- 15. J**
- 16. L**

[I should accept either *evaporation* or *boiling* for this quiz!]

thoughts about this.....

= should I have more photos??

= should it be more spread out????

= there are no questions on changes of state!!!

[I should add five points on it????]

[those first 3 questions will confuse people]

[I should prepare people specifically for that on the quiz]

= I think this generally gets it