**Please do not write on the test! Record answers on separate answer sheet.**

**Matter and Its Interactions Bellwork Quiz 1**

**Form A**

1. Particles in the solid phase are \_\_\_\_\_\_\_\_ together.
2. Far apart
3. Close or compact
4. Not moving
5. Close but not touching
6. True or False: Particles in a liquid phase are farther apart but still touching, and move past each other.
7. Particles in a water vapor phase are \_\_\_\_\_\_\_\_ apart and \_\_\_\_\_\_\_ collide.
8. Close; sometimes
9. Far; never
10. Far; occasionally
11. Close; never
12. Particles in solid phase vibrate \_\_\_\_\_\_\_.
13. Quickly
14. Fast
15. Do not move
16. Slowly
17. What needs to be added/removed to change phase?
18. Particles
19. Molecules
20. Hydrogen and oxygen atoms
21. Energy
22. True or False: The scientific name for the gas phase is water vapor.
23. True or False: During reading groups, I am speaking to my group members at a level 2-3 voice.
24. When water changes from a gas to a liquid it is called \_\_\_\_\_\_\_\_\_.
25. Evaporation
26. Freezing
27. Condensation
28. Melting
29. When water changes from a liquid to a solid it is called \_\_\_\_\_\_\_\_\_.
30. Freezing
31. Evaporation
32. Condensation
33. Melting
34. When the phase changes from a gas, to a liquid, then to a solid that must mean \_\_\_\_\_\_\_\_.
35. Energy is being added
36. Heat is being added
37. Energy is removed
38. Heat and energy are being added together
39. Qualitative is
40. Describes the measurement/quantity of something
41. How much/many of something
42. There are 7 slices of pizza
43. Describes the characteristics/quality of things
44. Quantitative is
45. Describes the characteristics/quality of things
46. Describes the measurement/quantity of something
47. The pizza has pepperonis on it
48. How much/many of something

**Please do not write on the test! Record answers on separate answer sheet.**

**Matter and Its Interactions Bellwork Quiz 1**

**Form B**

1. Particles in the solid phase are \_\_\_\_\_\_\_\_ together.
2. Far apart
3. Close or compact
4. Not moving
5. Close but not touching
6. Quantitative is
7. Describes the characteristics/quality of things
8. Describes the measurement/quantity of something
9. The pizza has pepperonis on it
10. How much/many of something
11. Qualitative is
12. Describes the measurement/quantity of something
13. How much/many of something
14. There are 7 slices of pizza
15. Describes the characteristics/quality of things
16. When the phase changes from a gas, to a liquid, then to a solid that must mean \_\_\_\_\_\_\_\_.
17. Energy is being added
18. Heat is being added
19. Energy is removed
20. Heat and energy are being added together
21. True or False: The scientific name for the gas phase is water vapor.
22. When water changes from a gas to a liquid it is called \_\_\_\_\_\_\_\_\_.
23. Evaporation
24. Freezing
25. Condensation
26. Melting
27. Particles in a water vapor phase are \_\_\_\_\_\_\_\_ apart and \_\_\_\_\_\_\_ collide.
28. Close; sometimes
29. Far; never
30. Far; occasionally
31. Close; never
32. Particles in solid phase vibrate \_\_\_\_\_\_\_.
33. Quickly
34. Fast
35. Do not move
36. Slowly
37. When water changes from a liquid to a solid it is called \_\_\_\_\_\_\_\_\_.
38. Freezing
39. Evaporation
40. Condensation
41. Melting
42. True or False: During reading groups, I am speaking to my group members at a level 2-3 voice.
43. What needs to be added/removed to change phase?
44. Particles
45. Molecules
46. Hydrogen and oxygen atoms
47. Energy
48. True or False: Particles in a liquid phase are farther apart but still touching, and move past each other.

**Name: Form:**

**Unit: Bellwork Quiz ( )**

1.\_\_\_\_\_\_\_\_ 7.\_\_\_\_\_\_\_\_

2.\_\_\_\_\_\_\_\_ 8.\_\_\_\_\_\_\_\_

3.\_\_\_\_\_\_\_\_ 9.\_\_\_\_\_\_\_\_

4.\_\_\_\_\_\_\_\_ 10.\_\_\_\_\_\_\_\_

5.\_\_\_\_\_\_\_\_ 11.\_\_\_\_\_\_\_\_

6.\_\_\_\_\_\_\_\_ 12.\_\_\_\_\_\_\_\_

**Name: Form:**

**Unit: Bellwork Quiz ( )**

1.\_\_\_\_\_\_\_\_ 7.\_\_\_\_\_\_\_\_

2.\_\_\_\_\_\_\_\_ 8.\_\_\_\_\_\_\_\_

3.\_\_\_\_\_\_\_\_ 9.\_\_\_\_\_\_\_\_

4.\_\_\_\_\_\_\_\_ 10.\_\_\_\_\_\_\_\_

5.\_\_\_\_\_\_\_\_ 11.\_\_\_\_\_\_\_\_

6.\_\_\_\_\_\_\_\_ 12.\_\_\_\_\_\_\_\_