

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

## Introduction to Matter

**Instructions:** Unscramble the words in brackets to complete the sentences below.

1. (raetmt) \_\_\_\_\_ is anything that has mass and volume.
2. (ssam) \_\_\_\_\_ is the amount of matter in an object.
3. (oelmvu) \_\_\_\_\_ is the amount of space that something takes up.
4. Matter exists in three (esstat) \_\_\_\_\_:  
(odlsi) \_\_\_\_\_, (ldiqiu) \_\_\_\_\_ and (sga) \_\_\_\_\_.
5. Any one substance can (ecanhg) \_\_\_\_\_ from one state to another according to the energy which its particles possess.
6. The change of state from a liquid to a solid to a liquid when (hate) \_\_\_\_\_ is applied is called (tnmlegi) \_\_\_\_\_.
7. The change of state from a liquid to a gas on heating is called (aperiaoontv) \_\_\_\_\_.
8. The change of state from a gas to a liquid on cooling is called (cnodoenantnsi) \_\_\_\_\_.
9. The change of state from a liquid to a solid on cooling is called (izefrgne) \_\_\_\_\_.
10. Dry ice changes from a solid to a gas without passing through the liquid state, this process is called (laiunitomsb) \_\_\_\_\_.