

---

PLEASE SUBMIT YOUR WORK THROUGH GOOGLE CLASSROOM

OPTION 1: print this page, fill in your answers by hand, take a picture or scan, upload, and attach  
OPTION 2: create and attach a google document with your answers (no need to copy the assignment itself)

---

**Exercise A: Match the words from the word bank to their meaning. You may need to review Lecture #6.**

1. \_\_\_\_\_ solids, liquids, and gases.
2. \_\_\_\_\_ matter in that state can only change shape by force.
3. \_\_\_\_\_ measure of the average energy associated with random motion of the particles of a substance.
4. \_\_\_\_\_ matter in that state is nearly incompressible.
5. \_\_\_\_\_ state of matter characterized by indefinite shape and volume.
6. \_\_\_\_\_ tiny particles that make up ordinary matter.
7. \_\_\_\_\_ chaotic motion of any relatively small particle suspended in liquid or gas.

**WORD BANK:** atoms, temperature, Brownian motion,  
gas, states of matter, liquid, solid

**Exercise B: Give THREE (3) specific EXAMPLES of objects or substances that illustrate matter in different states of aggregation. Please choose examples that were NOT previously mentioned in class!**

**Example 1 (SOLID)** \_\_\_\_\_

**Example 2 (LIQUID)** \_\_\_\_\_

**Example 3 (GAS)** \_\_\_\_\_