Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Core:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Term 5 Week 3

1. How many elements are in NaHCO3?

a. 6 b. 5 c. 4 d. 7

1. 2. How many atoms are in C6H8O7?

a. 3 b. 6 c. 21 d. 5

1. Which of the following chemical equations is balanced?
   1. H2 + O2 → H2O
   2. C + S8 → CS2
   3. Na + O2 → Na2O
   4. Mg + Cl2 → MgCl2
2. What happened to a bubble from a piece of bubble wrap when we put it in the plunger and compressed the air together?
3. What happens to the air particles when I push down on the plunger in the syringe?

When I pull up?

1. What happens to kinetic energy as you heat and cool particles in any state?