Study Guide: UNIT 2: lesson 1 and 2

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_Period:\_\_\_\_\_\_\_\_\_\_

1. What are the physical properties of matter?
2. Give an example of two physical properties of an object in the room.
3. How are physical properties different than chemical properties?
4. What are the two chemical properties of matter?
5. Give an example of a chemical property of something in the room?
6. Describe two different physical changes of water?
7. Give two different examples of a chemical change.
8. How would you know if a chemical change occurred?
9. What is the law of conservation of mass?
10. If paper weighing 100g was burned into ash, which weighed only 80g, where did the rest of the mass go? (HINT: think what time of change occurred and what happens when paper burns)
11. If two pop cans had the same volume 355ml but different masses, pop can A weighed 90g and pop can B weighed 70g, which pop can is the most dense? (SHOW MATH STEPS) Which one would sink and why?