

4. What is the difference between a homogeneous mixture and a heterogeneous mixture? **Name 3 examples of each.**

5. How can you tell if a substance is an element or a compound? **Give 3 examples of each**

6. Are elements and compounds always solids? Why or why not? Explain.

7. Why is air classified as matter?

8. What is the difference between a physical change and a chemical change? **Give 2 examples of each.**

9. What are four possible clues that a chemical change has taken place?

10. What is the difference between a mixture and a pure substance?