

Learning Set 2 Quiz/Review

(2) 1. What is a property? Why are properties important?

(2) 2. Calcium and nitrogen are both elements. So are zinc and aluminum. What makes one element different from another element? List at least two differences.

(1) 3. If a substance is made up of only one type of atom, the substance must be which of the following?

- A. Gas.
- B. Solid.
- C. Element.
- D. Mixture.

(1) 4. Which of the following characteristics **will not** help you tell whether two solids are the same or are different substances?

- A. color
- B. hardness
- C. shape
- D. melting point

(2) 5. Your class was studying different odors. You discovered that odors can be made out of exactly the same elements, but not smell the same. How can the molecules be made of the same atoms but not be the same odor? List two answers for full credit.