

Science Study Questions for Unit 1.1

1. How many different elements does the textbook says exist?
2. How many compounds are there?
3. Name the 3 types of mixtures
4. A special kind of suspension that can not be separated?
5. What is a solution?
6. What is a suspension?
7. What is a mechanical mixture?
8. All matter is made up of what?
9. what 4 elements are in all living things? (pick all 4) (Meet the Elements song)
10. Which mixture is a combination of all three states of matter? (Gas, Solid, and Liquid)
11. What is the definition of a compound?
12. What is the definition of an element?
13. What is the definition of a pure substance?
14. What is the definition of a mixture?
15. What are the two kinds of pure substances?
16. How many pure substances are there?
17. The properties of a compound can be very different from the elements that make it up.(T/F)
18. What are the 4 main ideas in the particle model? (Pg 117)
19. What is an example of a suspension?
20. What is an example of a mechanical mixture?
21. What is an example of a Solution?
22. two ways to classify or organize elements in the periodic table. (Element research sheet)
23. Electrons move so fast around the outside of an atom that they act like .... (Bill Nye)
24. **"Atom" is from a Greek word meaning.... (Bill Nye)**
25. The heaviest part of the atom is located in the.... (Bill Nye)

# Answers

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