



Fill in the flow chart and explain the above flow chart in your own words.

Definitions

Pure Substance:

Mixture:

Elements:

Compounds:

Review the Meet the elements page:

- What four elements are in all living things?
-
- What 3 elements are in coins?
-
- What elements form coal and then diamonds?
-

Review Bill Nye worksheet:

- “Atoms” is from a Greek word meaning? _____
- When Atoms combine, they can make? _____
- NaCl is _____
- Everything in the universe is either _____ or _____
_____. The smallest pieces of matter are _____.

Explain the difference between an element and a compound.

How many elements are there? Textbook says? _____

Periodic table says? _____

Can a compound be a solid, liquid or gas?

Can a mixture be a solid, liquid or gas? _____

What mixture contains all 3 states of matter? _____

What are the 4 points of the particle model? “(ch 5)

1 _____

2 _____

3 _____

4 _____

What are 2 ways we learned about how the Periodic table is organized 1 _____ 2) _____

Electrons move so fast they act like a _____

(from Bill Nye)