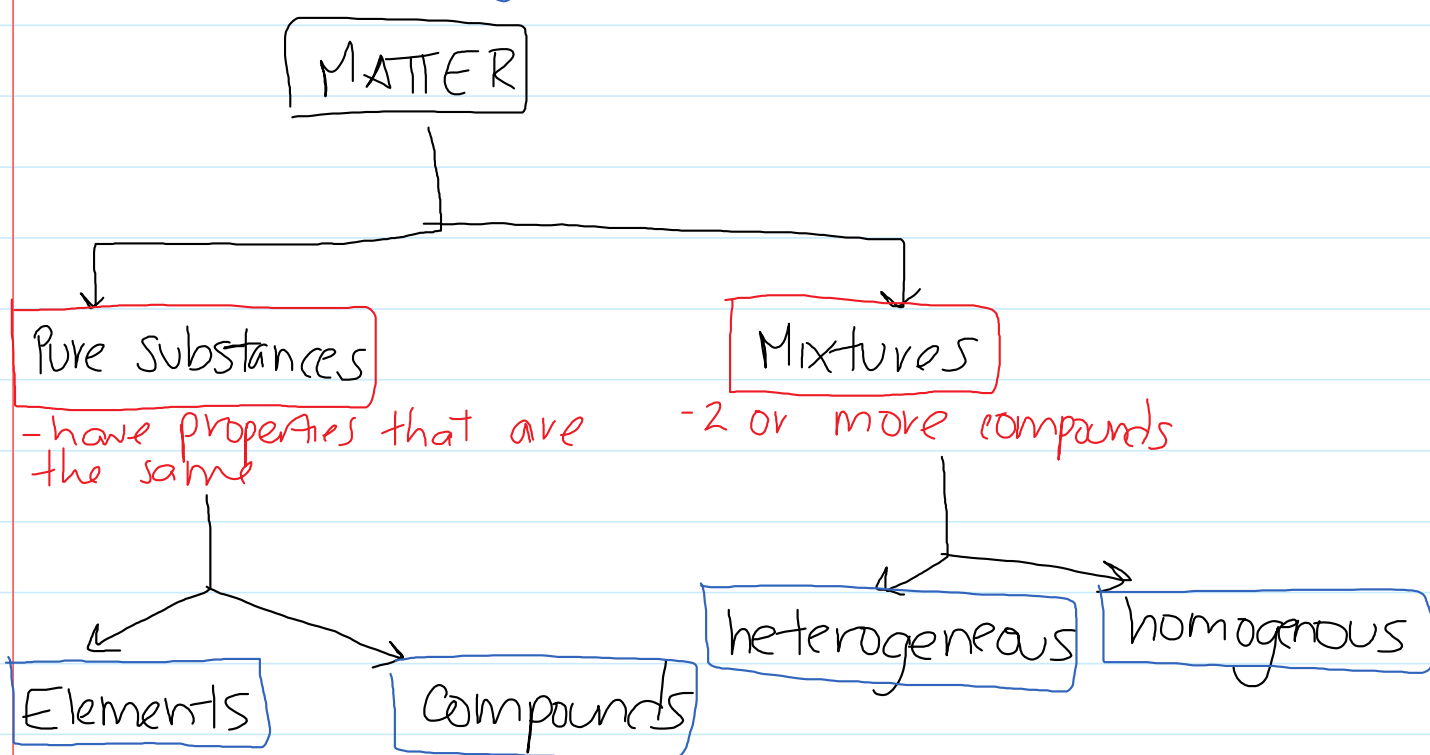


## 5.1 The Classification of Matter

February 17, 2015 10:41 AM

Matter is anything that has mass and volume and includes all solids, liquids and gases  
↳ classified based on properties

are ways of describing things so we can identify them



### Elements

- contain only 1 type of atom
- ex gold

### Compounds

- 2 or more types of atoms joined together
- ex H, O, salt NaCl

Heterogenous

- not uniform
  - particles are large, visible, clumps
- ex Oil mixed with water

Homogeneous

- evenly mixed together
- ex soda - mixture of sugar, corn syrup and  $\text{CO}_2$  in water