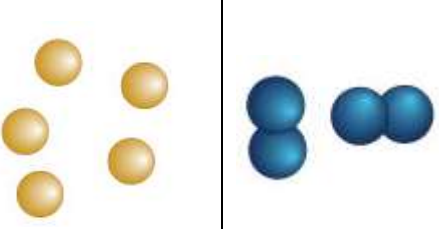
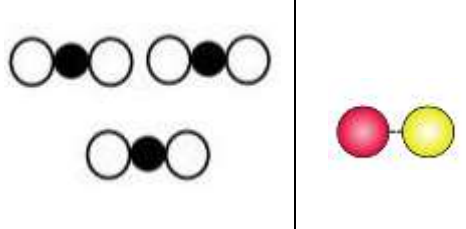
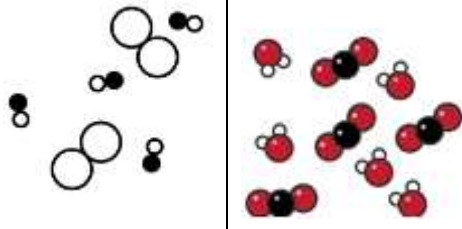




Subject: Chemistry

Name:

Topic: Elements, compounds and mixtures

| <u>Type</u> | <u>Elements</u> | <u>Compounds</u> | <u>Mixtures</u> |
|-------------------|--|--|---|
| <u>Definition</u> | Purest form of a substance. Only one type of atom. Can be found as single atoms or molecules. | Two or more different elements chemically joined together. | Two or more elements or compounds mixed together but NOT joined. |
| <u>Examples</u> | <u>Single atoms:</u> <ul style="list-style-type: none"> • Magnesium (Mg) • Potassium (K) <u>Molecule of an element:</u> <ul style="list-style-type: none"> • Nitrogen (N₂) • Oxygen (O₂) • Hydrogen (H₂) • All halogens | <ul style="list-style-type: none"> • Carbon dioxide (CO₂) • Table salt (NaCl) • water (H₂O) | <ul style="list-style-type: none"> • Salt water • Air |
| <u>Diagrams</u> |  |  |  |

