**CLASS NOTES PACKET QUESTIONS**

(Aims 5)

**Fill in the blank**

1. Matter is anything that has \_\_\_\_\_\_\_\_\_\_\_\_ and takes up space.
2. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_ mixture is uniform.
3. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_mixture is not uniform.
4. An \_\_\_\_\_\_\_\_\_\_\_\_\_ can not be further separated.
5. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a substance with two or more atoms.
6. A molecule is only composed of atoms of the same type. Is this totally true? \_\_\_\_\_\_\_\_\_\_\_\_

**Classify as pure substance or mixtures**

1. \_\_\_\_\_\_\_\_\_\_\_\_air
2. \_\_\_\_\_\_\_\_\_\_\_\_gasoline
3. \_\_\_\_\_\_\_\_\_\_\_\_gold
4. \_\_\_\_\_\_\_\_\_\_\_\_salt water
5. \_\_\_\_\_\_\_\_\_\_\_\_water
6. \_\_\_\_\_\_\_\_\_\_\_\_oxygen

**Classify as pure homogeneous or heterogeneous**

1. \_\_\_\_\_\_\_\_\_\_\_\_silver
2. \_\_\_\_\_\_\_\_\_\_\_\_sugar water
3. \_\_\_\_\_\_\_\_\_\_\_\_bowl of salad
4. \_\_\_\_\_\_\_\_\_\_\_\_an orange
5. \_\_\_\_\_\_\_\_\_\_\_\_carbon dioxide

**Classify as an element, a compound or a mixture**

1. \_\_\_\_\_\_\_\_\_\_\_\_hydrogen
2. \_\_\_\_\_\_\_\_\_\_\_\_banana bread
3. \_\_\_\_\_\_\_\_\_\_\_\_helium
4. \_\_\_\_\_\_\_\_\_\_\_\_an apple
5. \_\_\_\_\_\_\_\_\_\_\_\_carbon dioxide