

5.1 Classifying Matter

Matter is anything that has _____ and _____

_____ : amount of matter than an object has

_____ : amount of space that an object fills

The universe is full of matter. It can be classified into two main

categories: _____ and _____.

A _____ is matter that contains only one

type of particle. Please note that _____ and _____

are _____.

A _____ contains two or more _____ that are not chemically attached to one another.

_____ are either _____ or

_____. An _____ is a _____

that cannot be changed into anything simpler. An _____ also has only one type of particle.

A _____ is a _____ that consists of two or more elements chemically attached to one another. The elements are in definite proportions and cannot be separated

by _____.

_____ are formed when two or more _____ are put together but not chemically joined. There are two main types:

_____ mixtures are not uniform in composition. That means there are large clumps that are often visible. You can visually distinguish between the particles (see the difference).

Examples: _____, _____, _____

_____ mixtures are mixtures of substances that are evenly and microscopically mixed together. You cannot look at it and see the different types of particles.

Examples _____, _____ (like _____),
