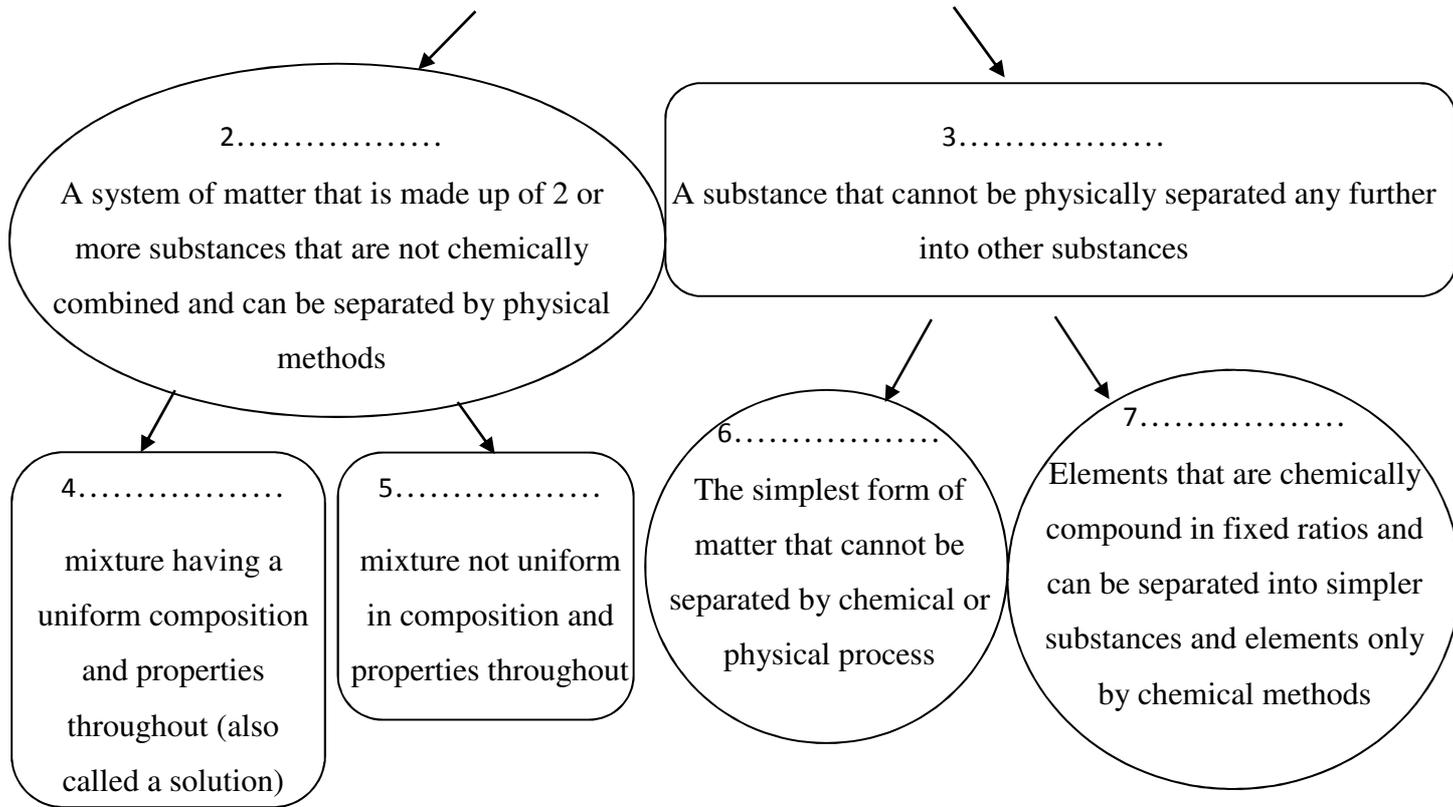


Fill in blanks (use the text about substance).

1.....

Anything that has mass and takes up space (solid, liquid, or gas)



8.....: It is any part of a sample that has a uniform composition and properties. By definition, a pure substance or a homogeneous mixture consists of a single phase. A heterogeneous mixture consists of two or more phases. When oil and water are combined, they do not mix evenly, but instead form two separate layers. Each of the layers is called a phase.

Identify each substance as a compound, an element, a heterogeneous mixture, or a homogeneous mixture.

	compound	element	heterogeneous mixture	homogeneous mixture
Filtered tea				
Freshly squeezed orange juice				
a compact disc				
aluminum oxide, a white powder that contains a 2:3 ratio of aluminum and oxygen atoms				
selenium				
white wine				
mercury				
ranch-style salad dressing				
table sugar (sucrose)				
saltwater				
soil				
water				
Oxygen				
Coffee				
an egg				