Pure Substances & Mixtures Practice

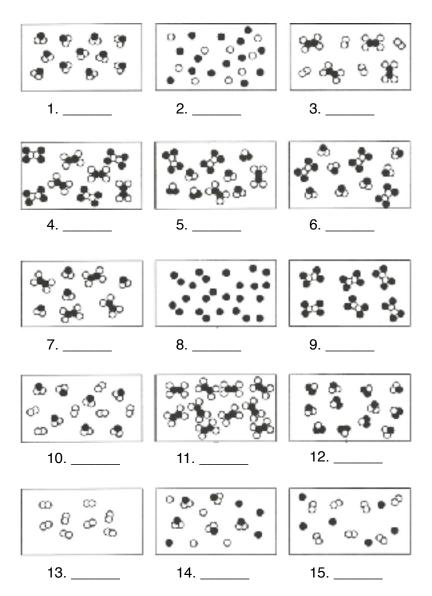
Name	Hour	

Classify each of the substances by placing the correct letter in the blanks below.

A. Element

- D. Mixture of molecules/compounds
- B. Molecule/compound
- E. Mixture of elements and molecules/compounds
- C. Mixture of elements

Each circle represents an atom and each different color represents different kinds of atoms. If two atoms are touching they are bonded together.



1.	The substances in a mixture can	be	_ based on	_ properties.			
2.	A	mixture is one when	your can see the parts are differ	rent.			
3.	A	mixture is one when	all parts of it look the same.	Sa			
4.	In a solution, the substance that gets dissolved is the						
5.	In a solution, the substance that does the dissolving is the						
6.	Two students were not being car of shaved iron) and they went ev		•	•			
	How could you separate the two substances?	substances QUICKL\	using the physical properties of	of the two			
7.	A is two or m	ore different substanc	es together but NOT chemically	combined.			
8.	Your friend knocked over the can of pop onto your kitchen counter, but you were lazy and didn't clean it up. You came back 3 hours later after you and your friend finished playing video games and all that was left was a sticky film on the counter. Where did the pop go?						
9.	Circle any of the following that a	re mixtures.					
	Carbon Dioxide(CO ₂) Air	Hot Chocolate	Sugar(C ₆ H ₁₂ O ₆)	Sand			
10.	10. A is when there is only one type of particle in a substance.						
	Pure substances (can / canno gnetism, or pulling apart.	t) be separated with p	ohysical means such as evapora	ation,			