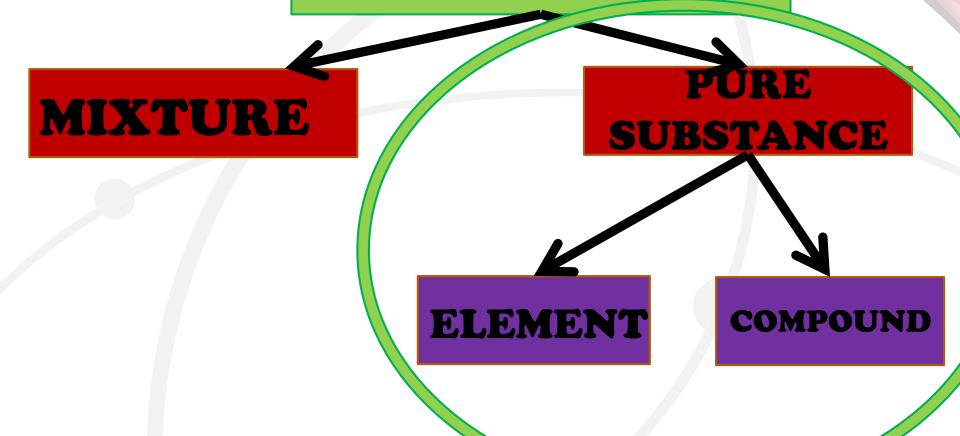


### **REVIEW:**

## MATTER



### **REVIEW:**

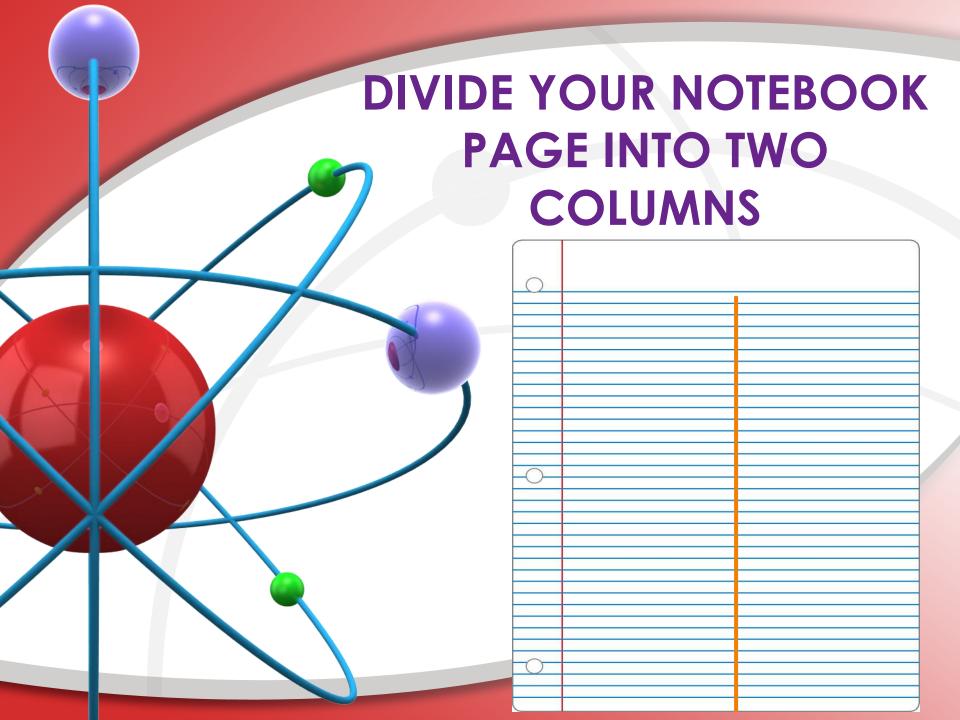
## MATTER

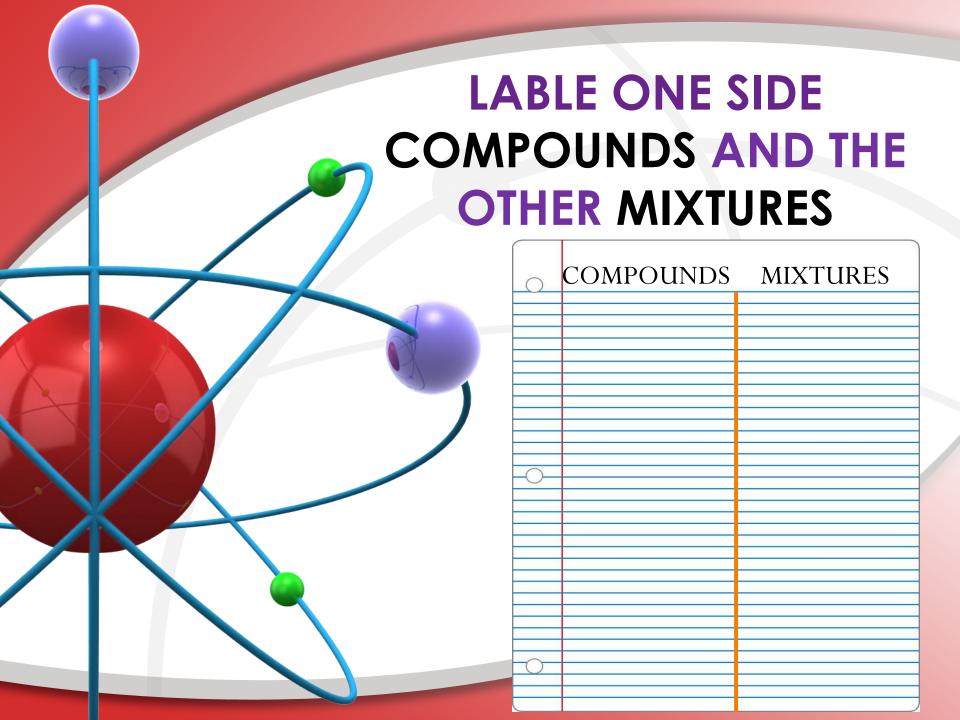
**MIXTURE** 

PURE SUBSTANCE

**ELEMENT** 

**COMPOUND** 





Made of two or more different types of atoms that are chemically bonded together

### **MIXTURE:**

A combination of two or more substances mixed together (not chemically combined)

 Always follows a specific ratio or recipe

### **MIXTURE:**

·Can be any recipe

- Requires a chemical change to separate into elements MIXTURE:
- •Can only be separated by physical changes (filtering, evaporation etc.)

•Can only be separated into the elements that formed them

### **MIXTURE:**

•Can be separated into elements, compounds or both

•The properties of the compound are different than the elements that form it

### **EXAMPLE:**

Element Hydrogen: flammable gas

Element Oxygen: flammable gas Compound water: non flammable liquid

### **MIXTURE:**

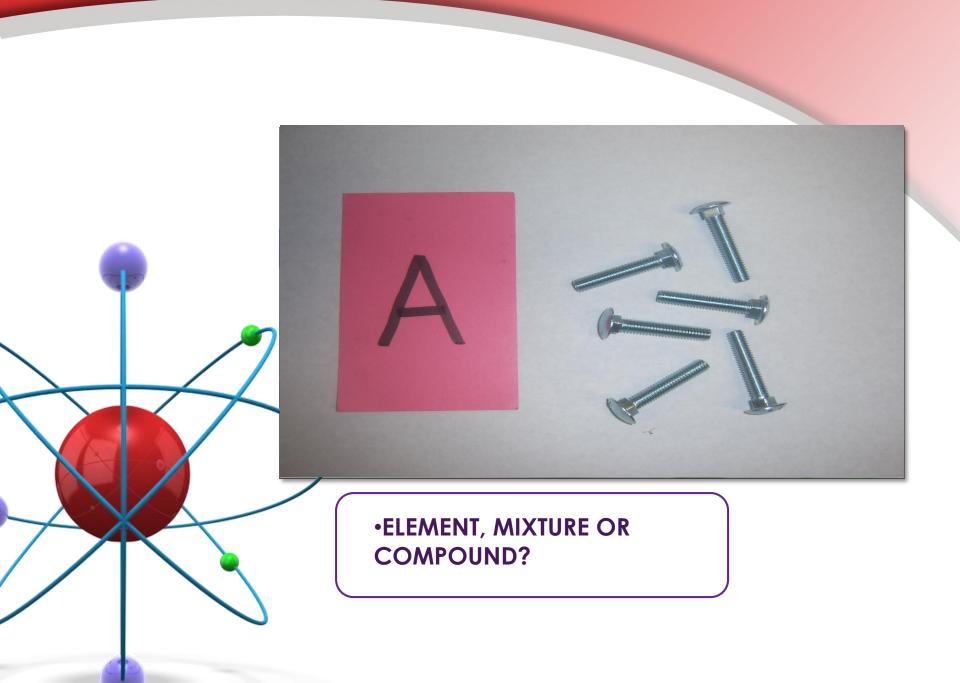
 Parts of a mixture keep their own properties

### **EXAMPLE:**

Lemonade

SKETCH	ELEMENT	COMPOUND	MIXTURE		

			MIXTURE			
SKETCH	ELEMENT	COMPOUND	OF	OF	ОГ ВОТН	
			ELEMENTS	COMPOUNDS	E&C	



			MIXTURE		
SKETCH	ELEMENT	COMPOUND	OF ELEMENTS	OF COMPOUNDS	OF BOTH E & C
トンイン					

			MIXTURE		
SKETCH	ELEMENT	COMPOUND	OF ELEMENTS	OF COMPOUNDS	OF BOTH E & C
トメイン	X				

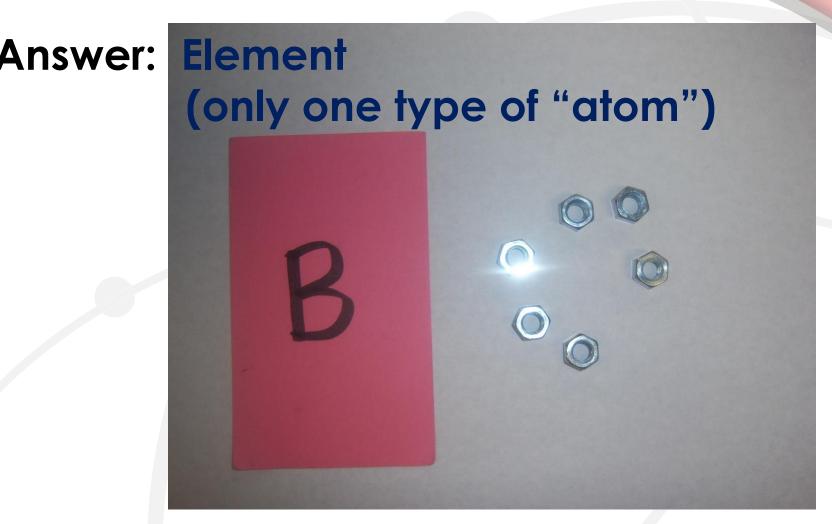
			MIXTURE		
SKETCH	ELEMENT	COMPOUND	OF ELEMENTS	OF COMPOUNDS	OF BOTH E & C
トメ					

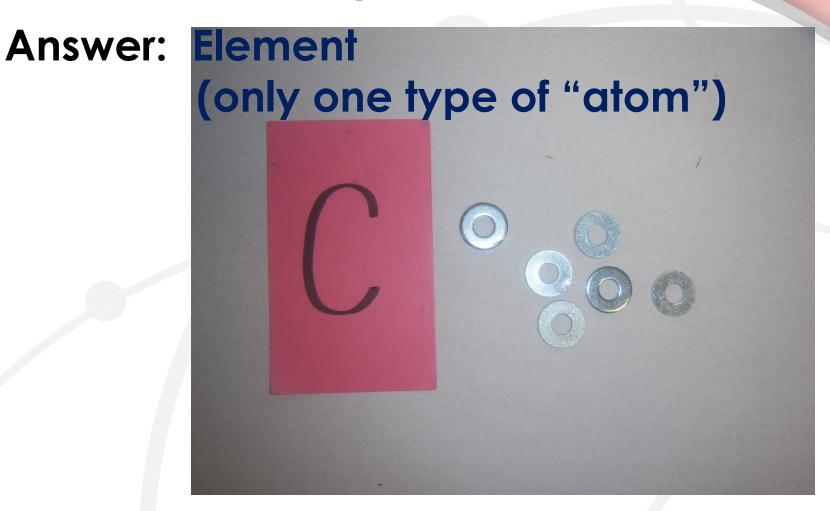
			MIXTURE		
SKETCH	ELEMENT	COMPOUND	OF ELEMENTS	OF COMPOUNDS	OF BOTH E & C
トメ					
			X		

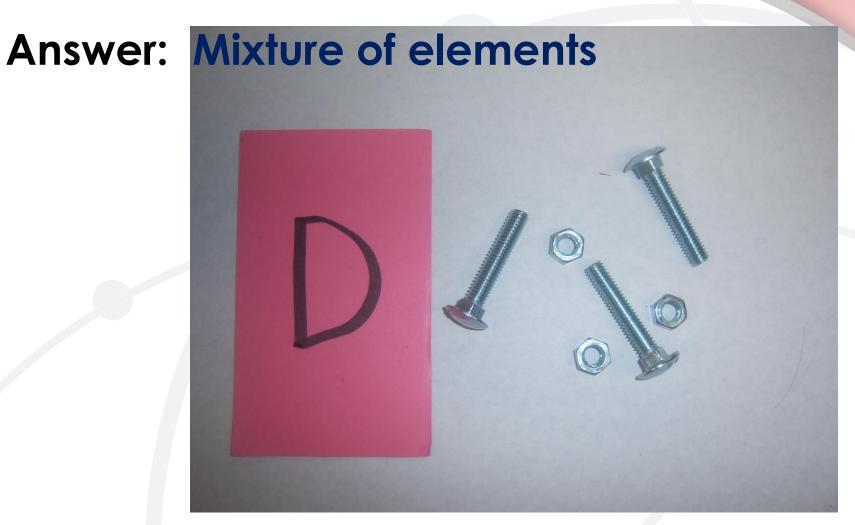
			MIXTURE		
SKETCH	ELEMENT	COMPOUND	OF ELEMENTS	OF COMPOUNDS	OF BOTH E & C
トメイ				X	

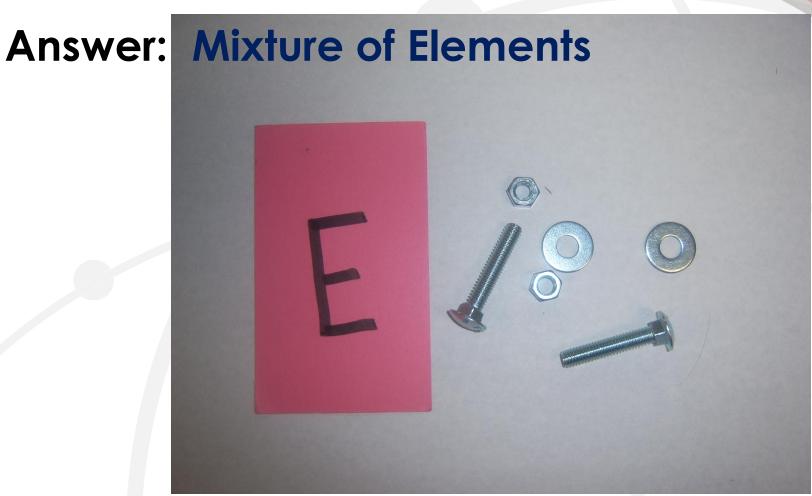
			MIXTURE		
SKETCH	ELEMENT	COMPOUND	OF ELEMENTS	OF COMPOUNDS	OF BOTH E & C
トメイ					X

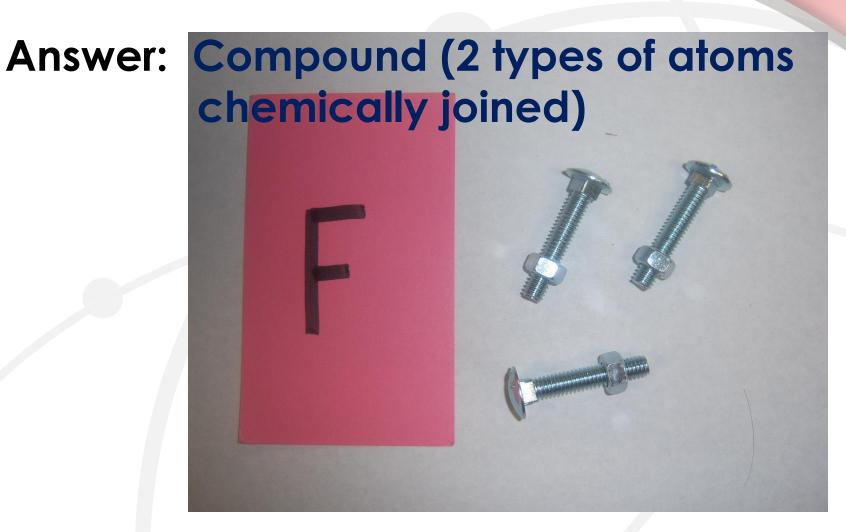
Answer: Element (only one type of "atom")

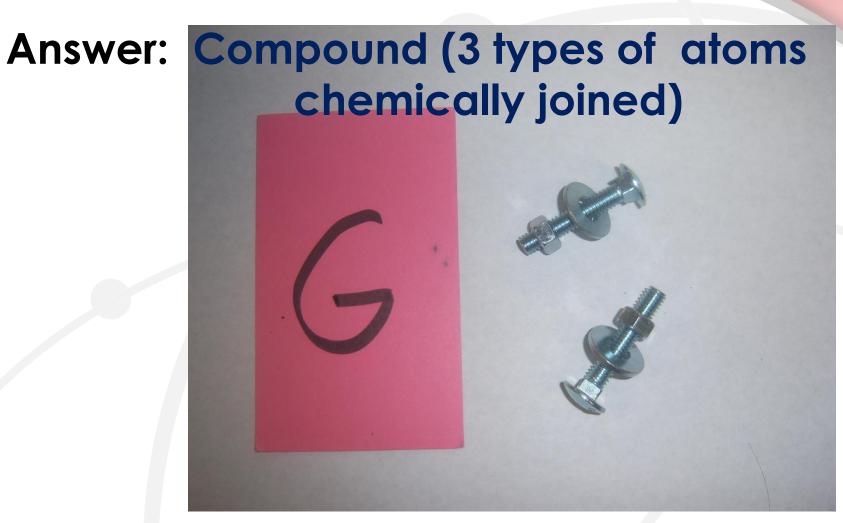


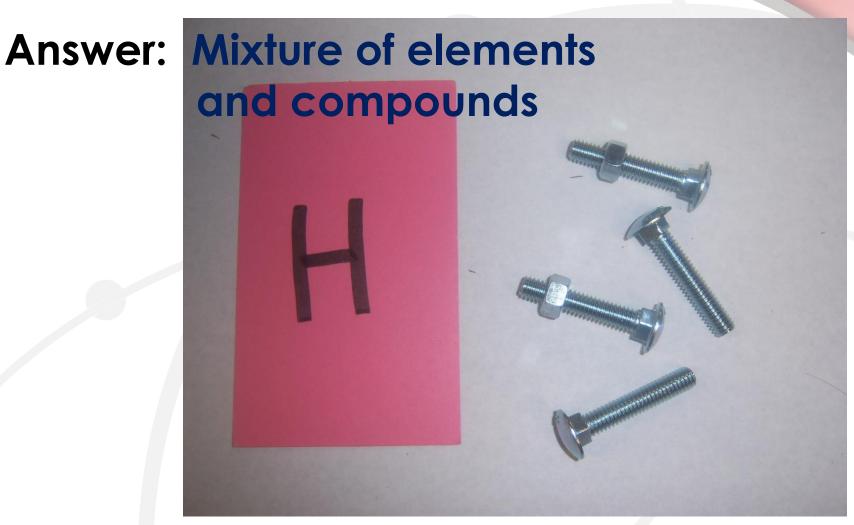
















STEP 1

**GLUE PAPER INTO YOUR NOTEBOOK** 

STEP 2

WORK WITH YOUR GROUP TO CLASSIFY (A-E) EACH PICTURE USING THE "KEY" ON TOP

STEP 3

RAISE YOUR HAND AND <u>ASK QUESTIONS</u> IF YOU ARE NOT SURE

STEP 4

RAISE YOUR HAND WHEN YOU ARE DONE FOR THE TEACHER CHECK ☑

STEP 5

IF YOU FINISH EARLY, WORK ON HOMEWORK