Name the si	x phase changes		
Solid to gas		Liquid to gas	Gas to solid
Gas to liquid		Solid to liquid	Liquid to solid
7			
8			
9			
10			
	Brass metal (solid Cu + Zn)		
	Salty Water		
11	Sugar Water		
how to separate	Iron filings & Sand		

Nickel coins

(solid Cu + Ni)

Water & liquid

ethanol

Sand & water

these

mixtures, what

processes

could you use?

	(NH ₄) ₃ PO ₄	Al(ClO) ₃
12—18 how many atoms in each?	Co(SCN) ₃	Mn(HCO ₃) ₇
	MgBr ₂	Rb ₃ N
9. TOPIC-B: Are the indicate	ators of a	change.

19. TOPIC-B: Are the indicators of a	change.
T	O
P	I
C	B
20. The volume of 236 grams of chromium metal is	

21 Names	Models	Details

How many electrons are	
22. in an atom of STRONTIUM?	23. in an atom of PHOSPHOROUS?
24. in one molecule of H ₂ O	25. in one molecule of F ₂
26. in the 4th orbital of an atom of NIOBIUM?	
27. in the 3rd OR 4th shell of TIN? 28.	able to fit into the second orbital of any atom?
How many protons, neutrons and electrons are in	
29. the atom Pb-207? protons,	neutrons, electrons
30. the isotope U-235? protons,	neutrons, electrons
31. Calculate the average weighted Atomic Mass	

31.	Calculate the average weighted Atomic Mass		
	of the element "Z" using this data table.		
	SF, and units count. SHOW WORK		

Isotope	Mass in amu	Proportion found in nature
Z-192	191.88	14.55%
Z-195	194.85	83.84%
Z-196	195.94	1.61%