Topic	Practice Problems *Optional*	Answers
Density	1) Calculate the density if m=45g and V=13cm <sup>3</sup>	. C
	2) Calculate the volume if the density is 1.4g/mL and m=70g	g/cn L
	3) Calculate the mass if d=3.5g/mL and V=14cm <sup>3</sup>	1)3.46 g/cm <sup>3</sup> 2)50 mL 3)49 g 4)#2
	4) Which object(s) will float? Densities: #1=1.2g/mL #2=0.45g/mL	1)3 2)5i 3)4; 4)#;
Mixtures,	Classify each thing as either an element, mixture, or a compound	
Elements,	1) Salt water	
Comp.	2) Air	1) mixture 2) mixture 3) compound 4)element 5)compound
	3) Carbon dioxide	ttur ttur ttur neu neu
	4) Oxygen	1) mixture 2) mixture 3) compount 4)element 5)compound
	5) Salt	1.2 8.4 0
Signs of a	1) List the signs of a chemical reaction	te te
Reaction		s off, ge, pitar ed, erat ange
		1) gas given off, color change, precipitate formed, temperatu re change, light
Physical,	Classify each thing as either a physical change, physical property, chemical change, or a chemical property	themical property     physical property     property     property     property     themical change     themical change
Chemical	1) A tin can is able to rust	hang
Changes	2) A tin can is shiny	cal c
and	3) A piece of paper is torn	emi erty iysic erty iysic emi
Properties	4) A piece of paper is burned	1) chemical property 2) physical property 3) physical (4) chemical
	5) Give two examples of each: physical change, physical property, chemical change, and chemical property	4 9 2 9 8 4
Metric	1) Convert 15 mm into Dm	εε_ <b>Σ</b>
Conv.	2) Convert 1.2 Km into cm	1)0.0015 Dm 2)120000 cm 3)0.190 Hm 4) King Henry Die day Drinking Chocolate Milk
	3) Convert 190 dm into Hm	1)0.0015 [2)120000 [3)0.190 Hr 4) King He Died By Drinking Chocolate Milk
	4) What is the mnemonic we use?	1)0.C 2)12( 3)0.1 4) Kii Died Died Choc
Metric	1) What is the Base unit for length?	
System	2) What is the Base unit for mass?	1)meter 2)gram 3)liter 4)seconds
	3) What is the Base unit for volume?	1)meter 2)gram 3)liter 4)secon
	4) What is the Base unit for time?	1) (2) (3) (4)

Topic	Practice Problems *Optional*	Answers
Density	1) Calculate the density if m=45g and V=13cm <sup>3</sup> 2) Calculate the volume if the density is 1.4g/mL and m=70g 3) Calculate the mass if d=3.5g/mL and V=14cm <sup>3</sup> 4) Which object(s) will float? Densities: #1=1.2g/mL #2=0.45g/mL	1)3.46 g/cm <sup>3</sup> 2)50 mL 3)49 g 4)#2
Mixtures,	Classify each thing as either an element, mixture, or a compound	
Elements, Comp.	1) Salt water 2) Air 3) Carbon dioxide 4) Oxygen 5) Salt	1) mixture 2) mixture 3) compound 4)element 5)compound
Signs of a Reaction	1) List the signs of a chemical reaction	1) gas given off, color change, precipitate formed, temperatu re change, light
Physical,	Classify each thing as either a physical change, physical property, chemical change, or a chemical property	9 gg
Chemical	1) A tin can is able to rust	1) chemical property 2) physical property 3) physical change 4) chemical change
Changes	2) A tin can is shiny	ical calcical calc
and	3) A piece of paper is torn	themical property     physical property     physical property     physical (3) physical (4) chemical (4)
Properties	4) A piece of paper is burned 5) Give two examples of each: physical change, physical property, chemical change, and chemical property	1) cl prol 2) p prol 3) p 4) cl
Metric	1) Convert 15 mm into Dm	>
Conv.	2) Convert 1.2 Km into cm	1)0.0015 Dm 2)120000 cm 3)0.190 Hm 4) King Henry Died By Drinking Chocolate Milk
	3) Convert 190 dm into Hm	1)0.0015 Dn 2)120000 cn 3)0.190 Hm 4) King Henr Drinking Chocolate Milk
	4) What is the mnemonic we use?	1)0.C 2)12( 3)0.1 4) Kir Died Drink Choc
Metric	1) What is the Base unit for length?	
System	2) What is the Base unit for mass?	er n
	3) What is the Base unit for volume?	1)meter 2)gram 3)liter 4)seconds
	4) What is the Base unit for time?	1. 2. 8. 4.