	m  1  January  29 <b>t   No.</b>	9, 1993 <b>Class</b> 	Time	Lab Sec	
Whe	en Solving Pr		<b>re to show all</b> his height in cm		
2	How much does	a 5 nound sack	of sugar weigh i	n arams?	
2. 1	now mach does	a o pouna sack	or sugar weight	r gramo:	
the ea	arth is 5.79 x 10	024 kg and that	the moon is 383 of the moon is 7 he moon attract	22 x 10 <sup>22</sup> kg, c	
		ocity necessary t he above distan	o keep the moo	n in a stable or	bit

5. Galileo is considered by many as the father of modern science. Briefly explain how Galileo changed the way in which science is done.

6. a. The two structures below both have the formula  $C_3H_8O$ . However, one is not a correct structure. Indicate which is not correct and explain why.

b. Calculate the molecular weight of  ${\bf A}$  or  ${\bf B}$ .

7. The chart below lists several classical concepts which we now know are no longer accurate. Complete the chart by listing our current view of the concept and the name of the individual responsible for this current view.

Classical View Current View Person responsible for change

Solar system is geocentric	
The heavenly bodies are perfect	
The panets move in circular orbits	

## **Useful Information:**

Meter = 39.37 inches = 1.094 yards

Yard = 0.9144 meter

Mile = 1.609 kilometers

Inch = 2.54 centimeter

Quart = 0.9463 liter

Pound = 0.453 kilograms

Ounce = 28.53 gram