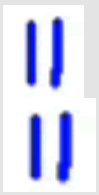
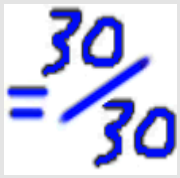
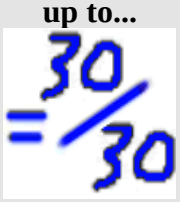
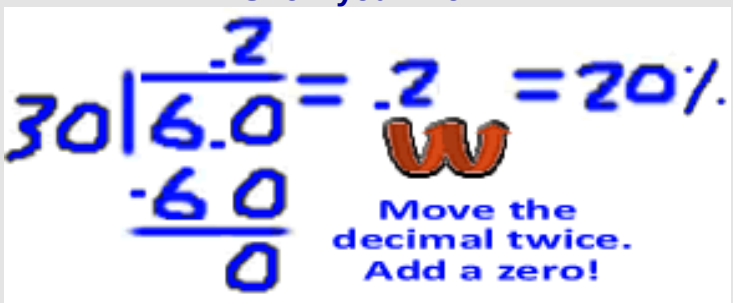
Column 1	Column 2	Column 3	Column 4
? Topic	Ratio Number over the total	Find the percent Numerator divided by the denominator	Measure for the angle of the circle What % of the circle is 360°? ._ _ X 360° =
Column Total = 30	Column Total = 30/30	Column Total = 1 or 100%	Column Total = 360°

Favorites Pie Chart

First 3 columns of the Math paper are due on Thursday.

Column 1	1. Ask 30 people to choose their favorite from a list of six items. For example: choose your favorite color:						
Talley	**Blue**	**Pink**	**Grey**	**Orange**	**Green**	**Red**	
							

Column 2	2. Create a Ratio (__/30)						
Ratio	**Blue**	**Pink**	**Grey**	**Orange**	**Green**	**Red**	**All top numbers should add up to...**
							

Column3	3. What percent of the people asked liked the color **Blue**? Convert each ratio to a decimal. **You may use a calculator to check your answer only.** **Show ALL work!** **No Short Cuts!!!**		
Decimal to Percent	**Blue**	**Show your Work**	**All decimals should add up to...**
			1 **which is** 

All 4 columns of the Math paper are due on Friday.

Column 4	*Favorites - Pie Chart* **Each piece of the pie represents a portion of the circle.** **Find what the percent of the circle each piece of pie represents.**		
Find the Percent of the circle.	**Blue** **What percent of the circle is Blue?**	What % of the ◯ is Blue? 20% of 360° = ° .2 times 360° = 72°	**All angles should add up to...** 360°
Make the Pie Chart.	**Use a protractor to draw a 72° angle on the Pie Chart.**		**Click for the VIDEO:** **Using a Protractor Pie Chart.**

Label the angle 72°	**Title the angle Blue.**	**Label the percent of the angle. 20%.**
Design and/or color the circle. Label the circle similar to the example. Also, erase all pencil marks.		
Pink=2/30 **7% of the circle is Pink**	**What % of the circle is Pink? 7% of the 360° = the angle that will be drawn.** **.07 x 360° = _____°**