

# Nedian The number in the middle when data set is in numerical order. 1, 1, 2, 4, 4, 5















# Dot Plot Shows data on a number line with a dot for every occurrence 012345678910111213





## Normal / Bell Shaped Distribution









Ι <b>υ</b>	2 Way				
Frequency Table					
	Chocolate	Vanilla	Total		
Male	6	3	9		
Female	5	6	11		

Joint Frequency Cell Value that tells info					
about 2 categories					
	Chocolate	Vanilla	Total		
Male	6	3	9		
Female	5	6			

Marginal Frequency Cell Value that tells info						
about the totals						
	Chocolate	Vanilla	Total			
Male	6	3	9			
Female	5	6				

F Conve de	2 Way Re requency erts frequer cimal-perc	lative / Table icy table ent form	into
	Chocolate	Vanilla	Total
Male	.3	.15	<b>45</b>
Female	.25	.3	.55.



### **Scatter Plot** Graph made up of points that represent bivariate (2) data, and are "scattered"

#### **Minutes of Study Vs. Test Scores**



## **Correlation** A relationship between 2 sets of data











## Create a Line of Best Fit 1. Choose 2 points on the line **2.** Calculate the slope $m = \frac{y_2 - y_1}{z}$ $x_2 - x_1$ 3. Locate the y-intercept. 4. Create a linear equation in the form: y=mx+b m=slope & b=y-intercept





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