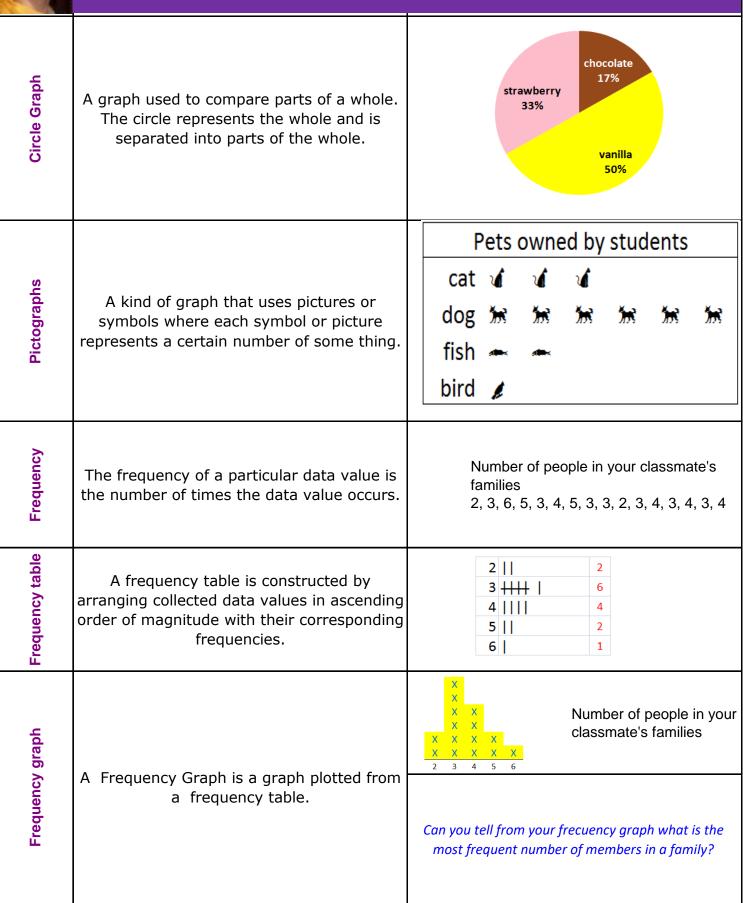


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Charts



9	MsGarciaMath.edublog	gs.org Charts
Outlier	An outlier is a data item that is much higher or much lower than items in a data set.	Scores on math 7th test: 100, 95, 85, 100, 90, 95, 100, 95, 25 , 90
Stem and Leaf Plot	A data plot which uses part of the data value as the stem and the rest of the data value (the leaf) to form groups or classes. This is very useful for sorting data quickly. The data is arranged by place value. The digits in the largest place is referred to as the stem and the digits in the smallest place are referred to as the leaf (leaves).	Scores on math test: 80,55,85,58,75,60,70,75,65,95, 80,95,70,80,85,90,100,85,65,70 5
Box plot (box-and-whisker plot)	Its a chart that shows median, miniumun and maximun data values, upper and lower quartiles. A boxplot may also indicate which observations, if any, might be considered outliers.	median s in third quartile light first quartile minimum
Interpreting a boxplot	Using the boxplot, you can tell: • The maximum temperature is 110°F (aprox) • The minimum temperature is 30°F (aprox) • The average temperature is 70°F (aprox) • The first quartile temperature is 45°F (aprox) • The third quartile temperature is 80°F (aprox)	Minimum Q1 Median Q3 Maximum 20 30 40 50 60 70 80 90 100 110 Temperature in Laredo TX