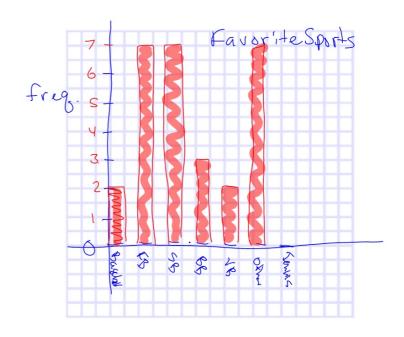


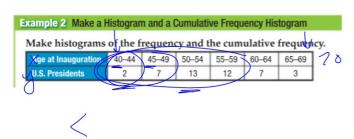
Example 1 Make a Bar Graph

Make a bar graph to display the data.

Sport	Tally	Frequency
basketball	MMM	15
football	MMMMM	25
soccer	IIINNN	18
baseball	INNNN	21

X vertical Spaces between

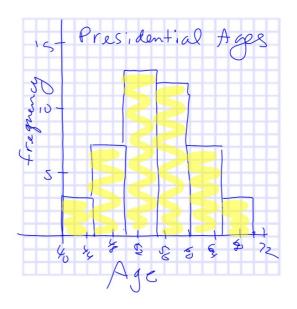




Find the cumulative frequency for each interval.

Age < 45 < 50 < 55 < 60

40-45	2	graph
40-49	9	
<5S	22	
<60	34	
< 65	41	
(70	44	







Sales at the Marshall High School Store are shown in the table. Make a line graph of the data.

	School Store Sales Amounts				
September	\$670	December (\$168	March	\$412
October	\$229	January	\$290	April	\$309
November	\$300	February	\$388	May	\$198

trent







ANIMALS The speeds (mph) of 20 of the fastest land animals are listed at the right. Use the data to make a stem-and-leaf plot.

42	(40)	40	35	50
32	50	36	50	40
45	70	43	45	32
40	35	61	48	35

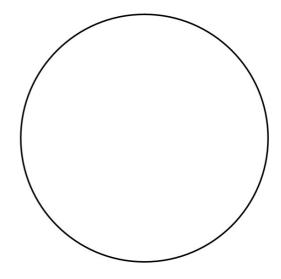
Lem Source: The World Almanac $3 \quad 5, 2, 6, 2, 5, 5$ $4 \quad 2, 0, 0, 0, 5, 3, 5, 0, 8$ $5 \quad 0, 0, 0$ $6 \quad 1$ $7 \quad 0$ $3 \mid 5 = 35$ Number of degrees in a circle?



Example 5 Make a Circle Graph

The table shows how Lily spent 8 hours of one day at summer camp. Make a circle graph of the data.

Summer Camp		
Activity	Hours	
canoeing	3	
crafts	1	
eating	2	
hiking	2	



Example 6 Make a Box-and-Whisker Plot



Draw a box-and-whisker plot for these data. Describe how the outlier affects the quartile points.

14, 30, 16, 20, 18, 16, 20, 18, 22, 13, 8

Boxplot

P-45 1-7