

1/15 Algebra - Downing

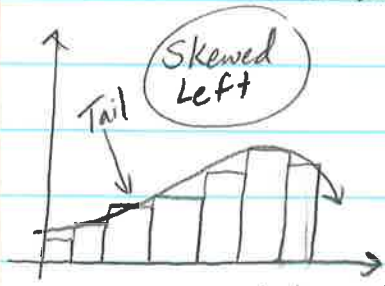
Go over Chiefs vs Colts worksheet

11.3 B - Shapes of Distribution

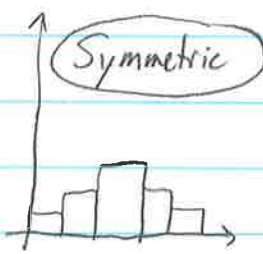
★ PC tomorrow

Histogram - a bar graph that shows the frequency of data values in intervals of the same size,

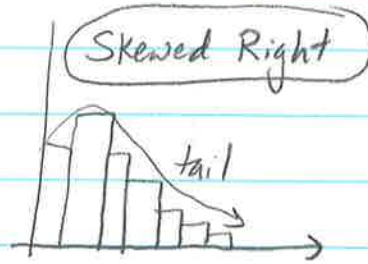
Ex)



- tail extends to left.
- most data is to the right



- same left and right



- tail is to the right
- most data is to the left.

When the data is symmetric: use mean to describe the center and standard deviation to describe the variation.

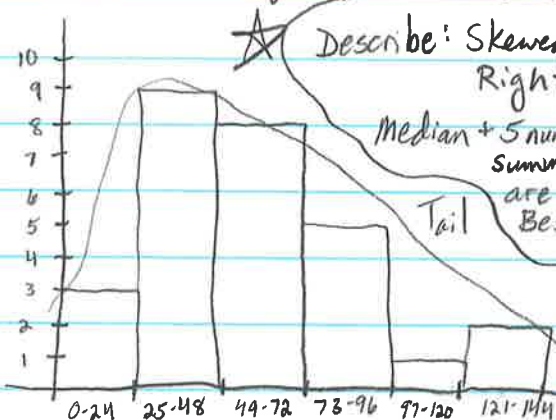
When the data is skewed: use median to describe the center and use the "5 number summary" to describe variation (min,  $Q_1$ , med,  $Q_3$ , max)

Ex) A grocery store cashes checks for customers. The amounts cashed for one week are shown on the table.

HW.  
11.3 p. 605  
#3-5, 7-10, 15

Highest value 140  $\frac{140}{6} = 23.3 \approx$  go by 24

Frequency Table	
#s	Frequency
0-24	3
25-48	9
49-72	8
73-96	5
97-120	1
121-144	2



65	15	50	65
40	25	35	60
10	45	60	30
100	125	75	25
75	40	90	75
75	5	50	50
35	30	140	60