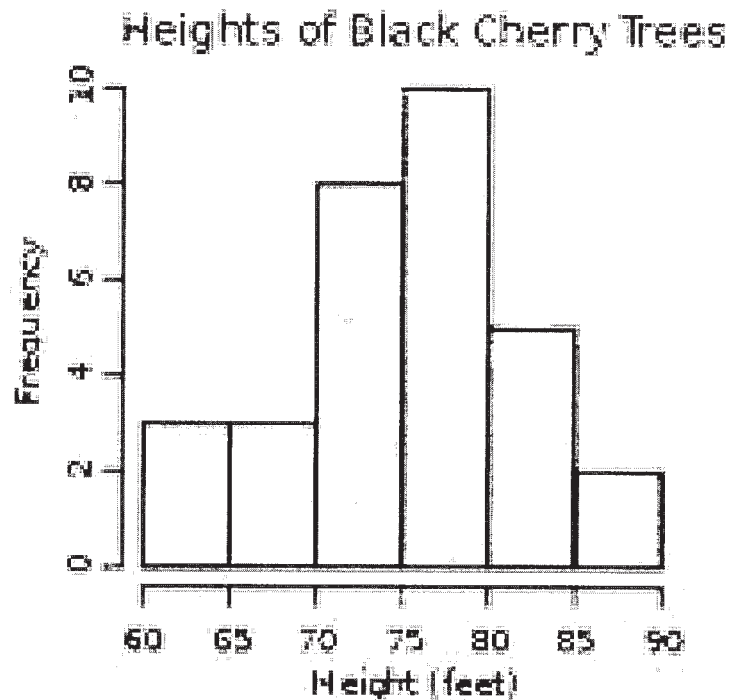


Unit 10 Remediation Objective 14

To be able Represent data with histograms

Histogram – A special kind of bar graph that displays the frequency of data that has been organized into equal intervals. Because the intervals cover all possible values of data, there are no spaces between the bars of the graph.



Constructing a Histogram

1. The equal intervals are shown on the horizontal axis.
2. All bars have the same width
3. The frequency of the data in each interval is represented by the height of the bar.
4. The vertical scale is often a multiple of the greatest frequency.

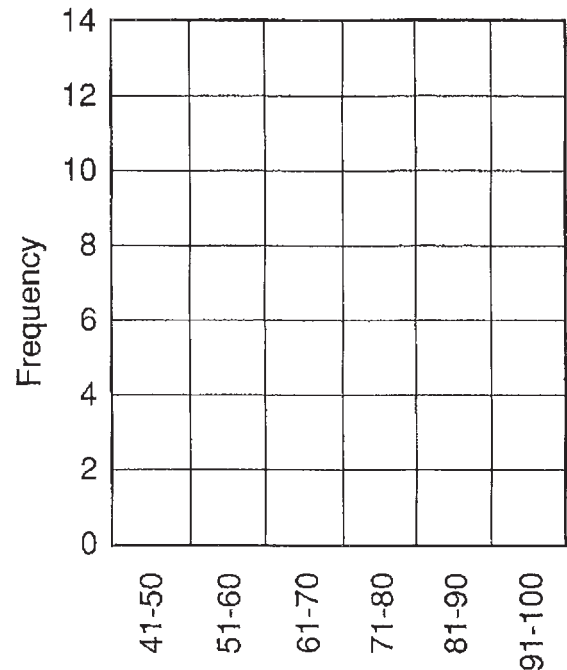
Obj. 11 & 14

How Do Witches Kiss?

Complete each table. Write the letter for each frequency in the box above the corresponding value at the bottom of the page. Make a histogram for each set of data.

Test Scores for 40 Students									
80	89	66	73	60	97	53	79	70	58
71	99	44	88	80	69	72	83	86	76
91	77	61	83	57	88	49	77	75	95
64	85	75	72	94	66	84	77	86	82

Score	Tally	Frequency
41-50		(I)
51-60		(E)
61-70		(H)
71-80		(Y)
81-90		(A)
91-100		(T)



Weights for 100 Students (kg)									
53	61	55	48	64	58	45	63	55	44
56	44	38	48	52	54	45	41	53	58
46	50	50	52	43	56	36	51	42	47
68	42	50	46	55	62	59	51	52	47
53	63	52	60	54	49	65	58	54	38
48	53	66	49	56	63	48	48	62	54
64	44	56	39	68	52	44	59	54	46
54	47	56	53	53	41	59	50	38	55
58	61	46	36	57	48	54	45	60	52
40	48	62	51	63	42	57	55	43	52

Weight	Tally	Frequency
36-40		(E)
41-45		(W)
46-50		(R)
51-55		(Y)
56-60		(V)
61-65		(C)
66-70		(W)

