

1 (a)

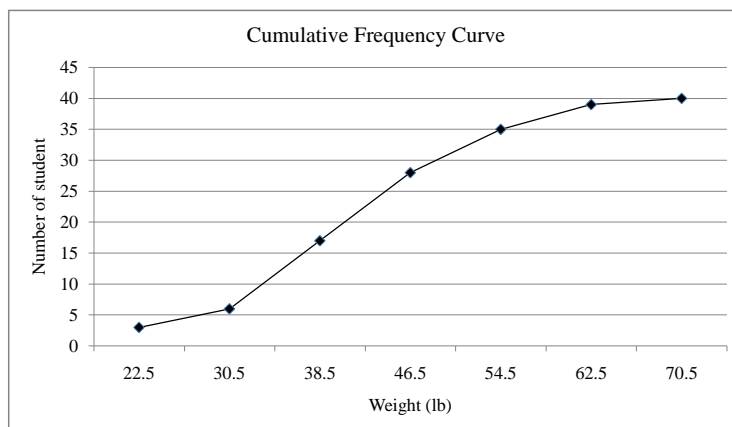
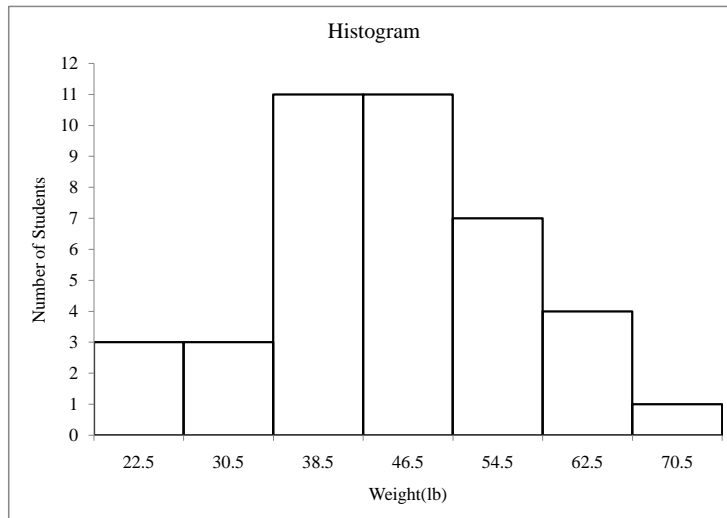
Largest number = 68

Smallest number = 19

Range = 68 - 19 = 49

class size = $49 / 6.161 = 7.953 \gg 8$

Weigh(lb)	Mid point	Frequency	Cumulative Frequency
19 - 26	22.5	3	3
27 - 34	30.5	3	6
35 - 42	38.5	11	17
43 - 50	46.5	11	28
51 - 58	54.5	7	35
59 - 66	62.5	4	39
67 - 74	70.5	1	40



- 2 (a) The class limit 145-153 having the largest frequency.
- (b) The percentage of Student less than 154lb = 72.5%

(c)

Weight(lb)	Mid Point	Number of Students	Cumulative Frequency
118 - 126	122	6	6
127 - 135	131	10	16
136 - 144	140	18	34
145 - 153	149	24	58
154 - 162	158	10	68
163 - 171	167	8	76
172 - 180	176	4	80

