(c)

$\frac{70}{100} \times 12$

$= 8.4 \approx 8^{th}$ temparatur $\Rightarrow 70.3^{0}F$

So the temparatures are below $70.3^{0}F$

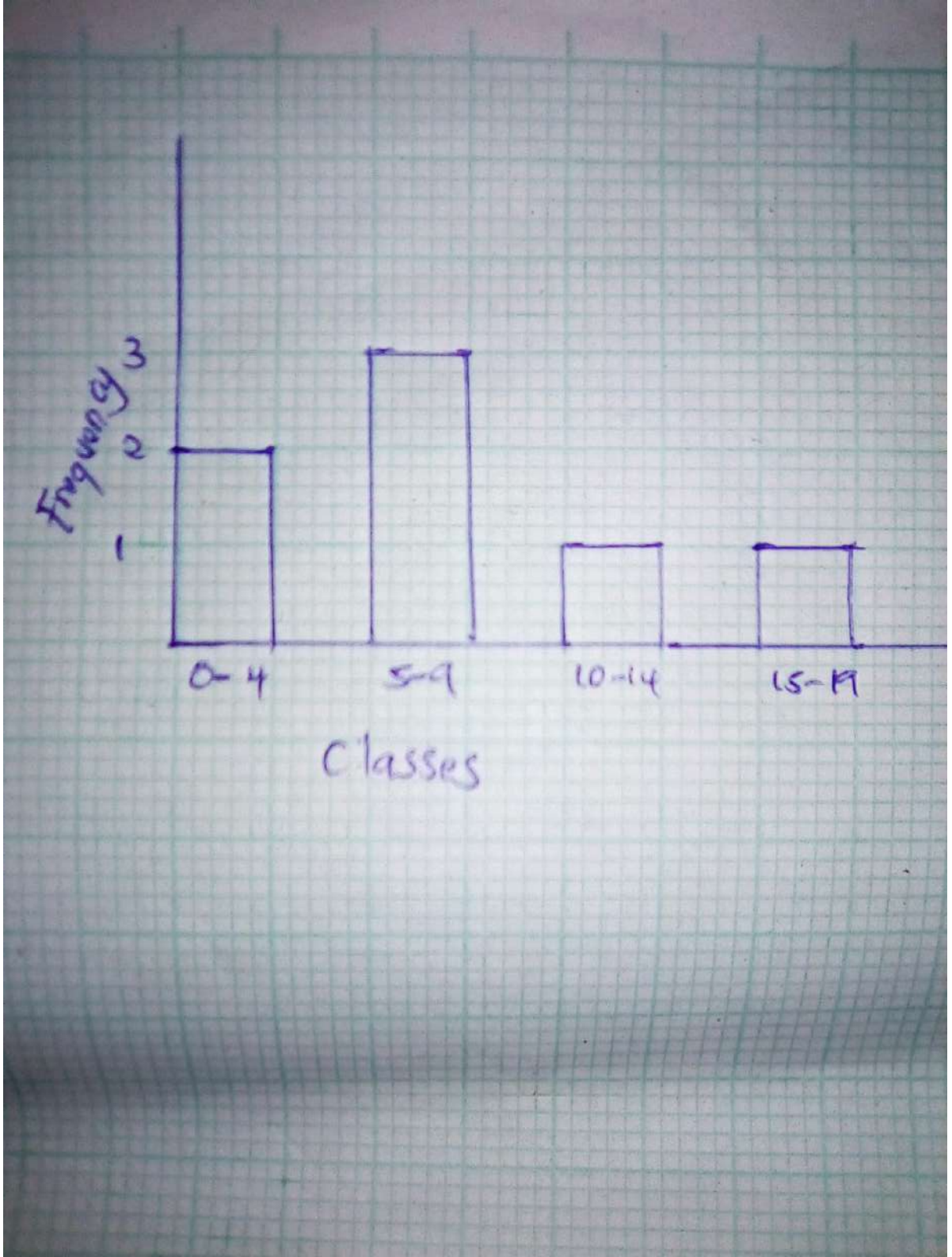
(d)

$\frac{75}{100} \times 12$

$= 9^{th}$ temparature value $= 70.4^{0}F$

hence the temparature is above $70.4^{0}F$.

(e) The temparature is ~~too~~ very low at some ~~time~~ of the year and high at other times Maryland is affected by four seasons ie (Summer, winter spring, autum)


Frequency
3
2
1
0-4
5-9
10-14
15-19
Classes

The mean describes the data best as it incorporates all the values of the data.

(b) $250 = \frac{648 + x}{10}$ by adding an unknown value(x) as tenth mass and getting its value.

$x = (250 \times 10) - 648$

$= 1852$ pounds

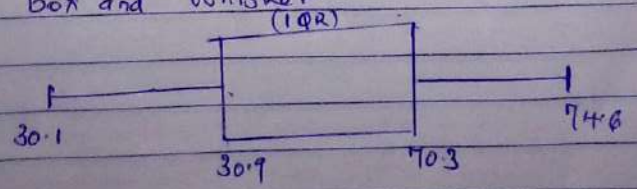
3.

	Months	Temp °F
1	Jan	30.1
2	Feb	30.8
4	Mar	40.4
6	Apr	48.9
11	May	72.8
10	Jun	70.4
12	Jul	74.6
9	Aug	70.3
8	Sept	66.7
7	Oct	57.0
5	Nov	44.7
3	Dec	30.9

Arranging from smallest to the largest

30.1, 30.8, 30.9, 40.4, 44.7, 48.9, 57.0, 66.7, 70.3, 70.4, 72.8, 74.6

Box and Whisker:



Median $= \frac{48.9 + 57.0}{2} = 52.95$

Monday	4 -
Tuesday	9
Wednesday	6
Thursday	14
friday	7
Sat	17
Sun	2 -

Grades	f	fx
0 - 4	2	2·5
5 - 9	3	7·5
10 - 14	8	12·5
15 - 19	1	17·5

yes, The bar is tallest when the frequency is high and same when the frequency is same.

2. 9 dogs

1	Flat Coated	66 Pounds
2	Chesapeake Bay	70 pounds
3	Greyhounds	66 pounds
4	Bulldog	50 pounds
5	Bull mastiffs	120 pounds
6	German Shepherd	80 pounds
7	Great Danes	150 pounds
8	Pugs	16 pounds
9	Pulik	30 pounds

$$\text{mean/Average} = \frac{66 + 70 + 66 + 50 + 120 + 80 + 150 + 16 + 30}{9}$$

$$= 72.$$

Median = 16, 30, 50, 66, 66, 70, 80, 120, 150

$$= 66$$

Mode = 66