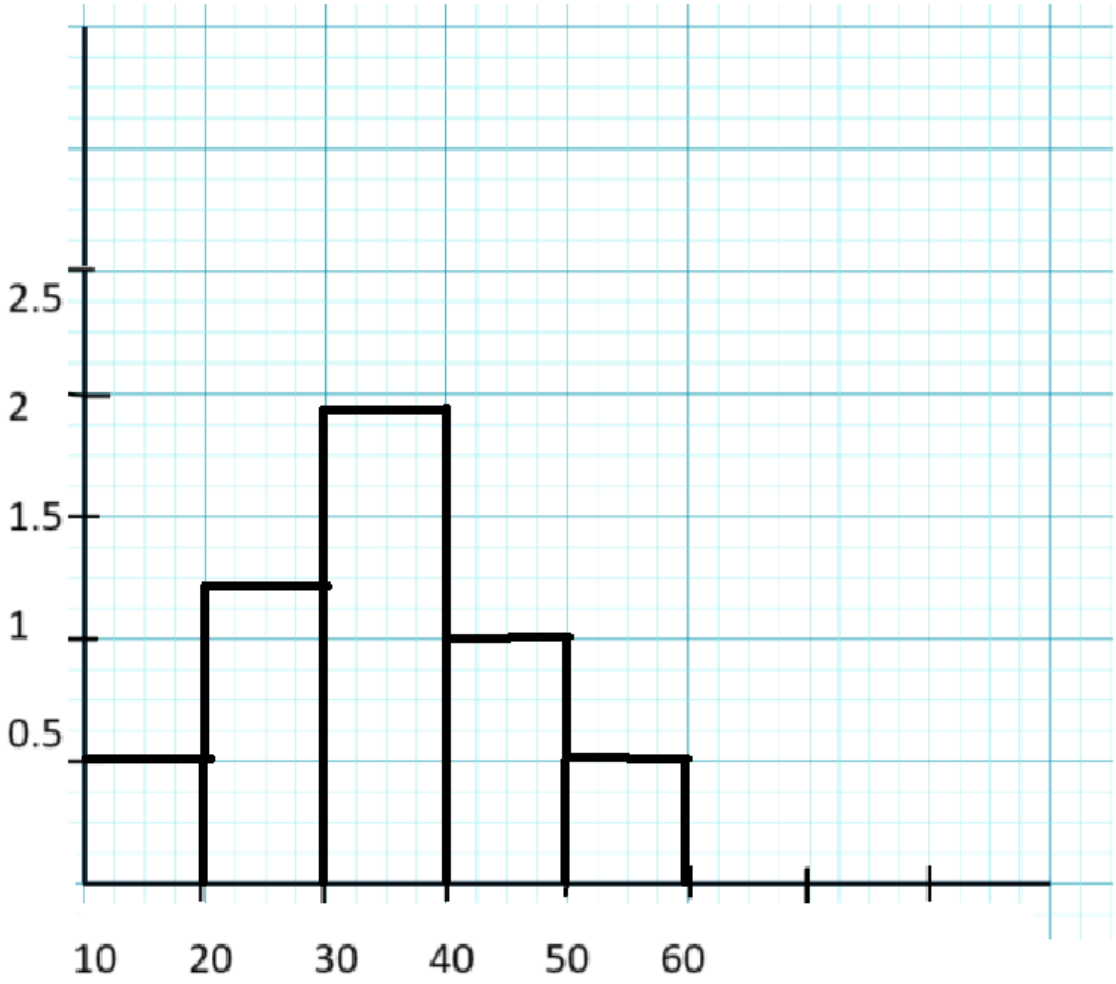
Q1-

Height (cm)	Frequency	F.d
10 ≤ Height ≤ 20	5	0.5
20 ≤ Height ≤ 30	12	1.2
30 ≤ Height ≤ 40	18	1.8
40 ≤ Height ≤ 50	10	1
50 ≤ Height ≤ 60	5	0.5

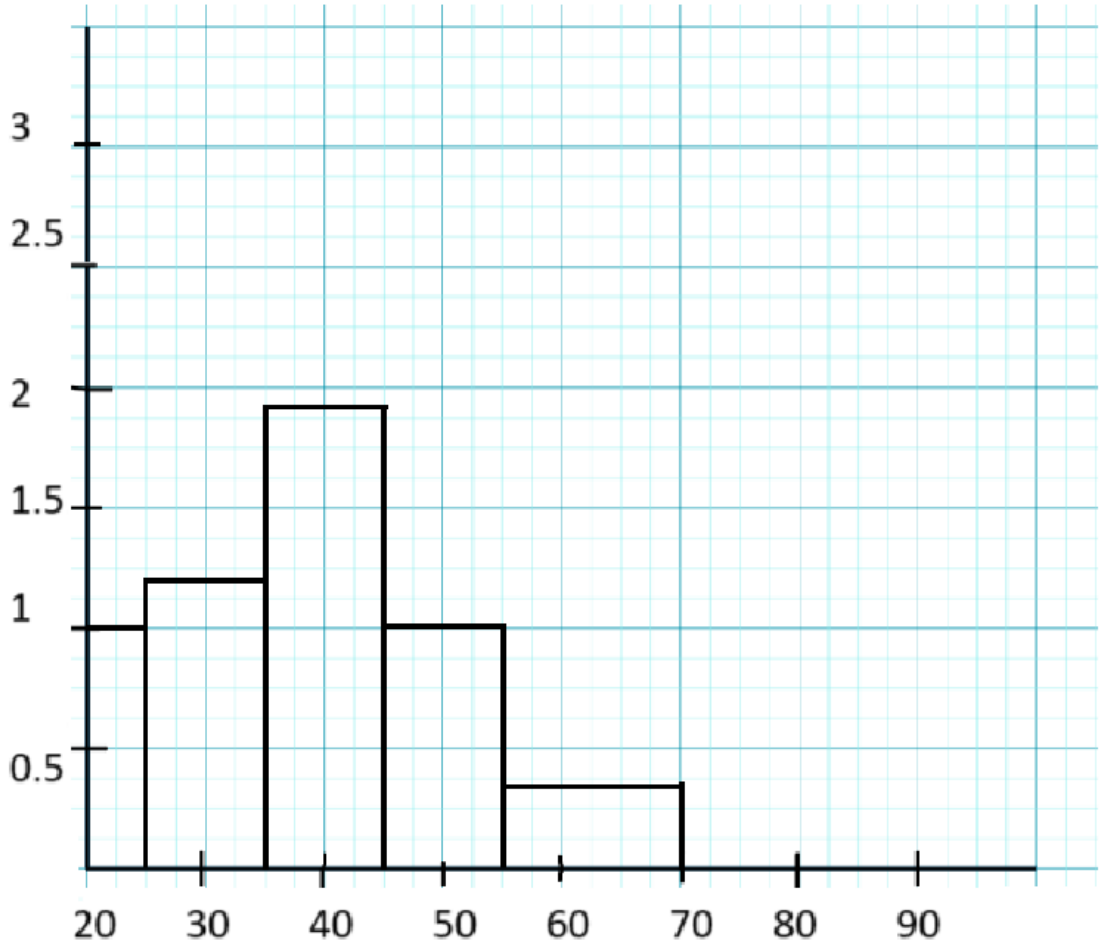


Q2

Speed (mph)	Frequency	F.d.
20 ≤ Speed ≤ 25	5	1
25 ≤ Speed ≤ 35	12	1.2

35 ≤ Spee ≤ 45	18	1.8
45 ≤ Speed ≤ 55	10	1
55 ≤ Speed ≤ 70	5	0.33

a)

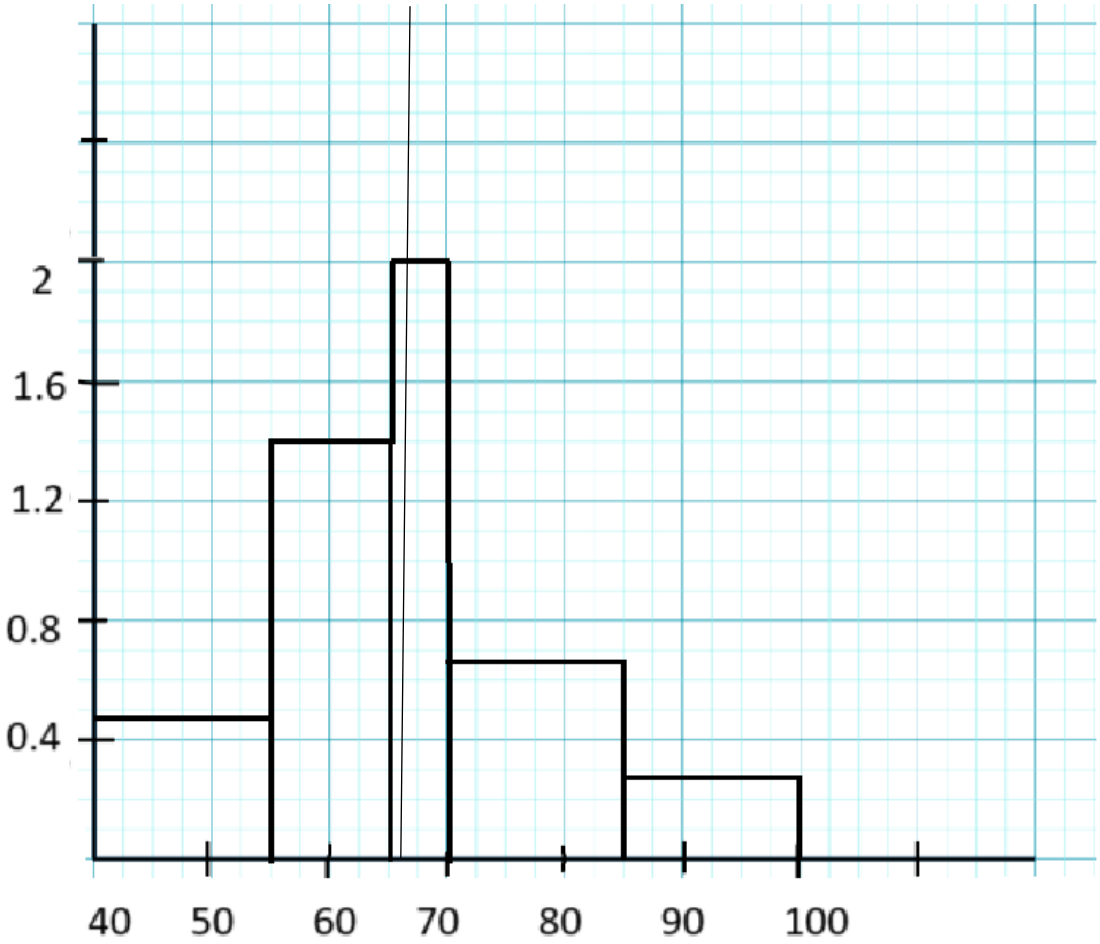


b) Number of cars above 45 mph speed is 15

Q3

Weight (kg)	Frequency	F.d.
$40 \leq w \leq 55$	7	0.47
$55 \leq w \leq 65$	14	1.4
$65 \leq w \leq 70$	10	2
$70 \leq w \leq 85$	10	0.67
$85 \leq w \leq 100$	4	0.27

a)



c) Almost 22 on each side of the line

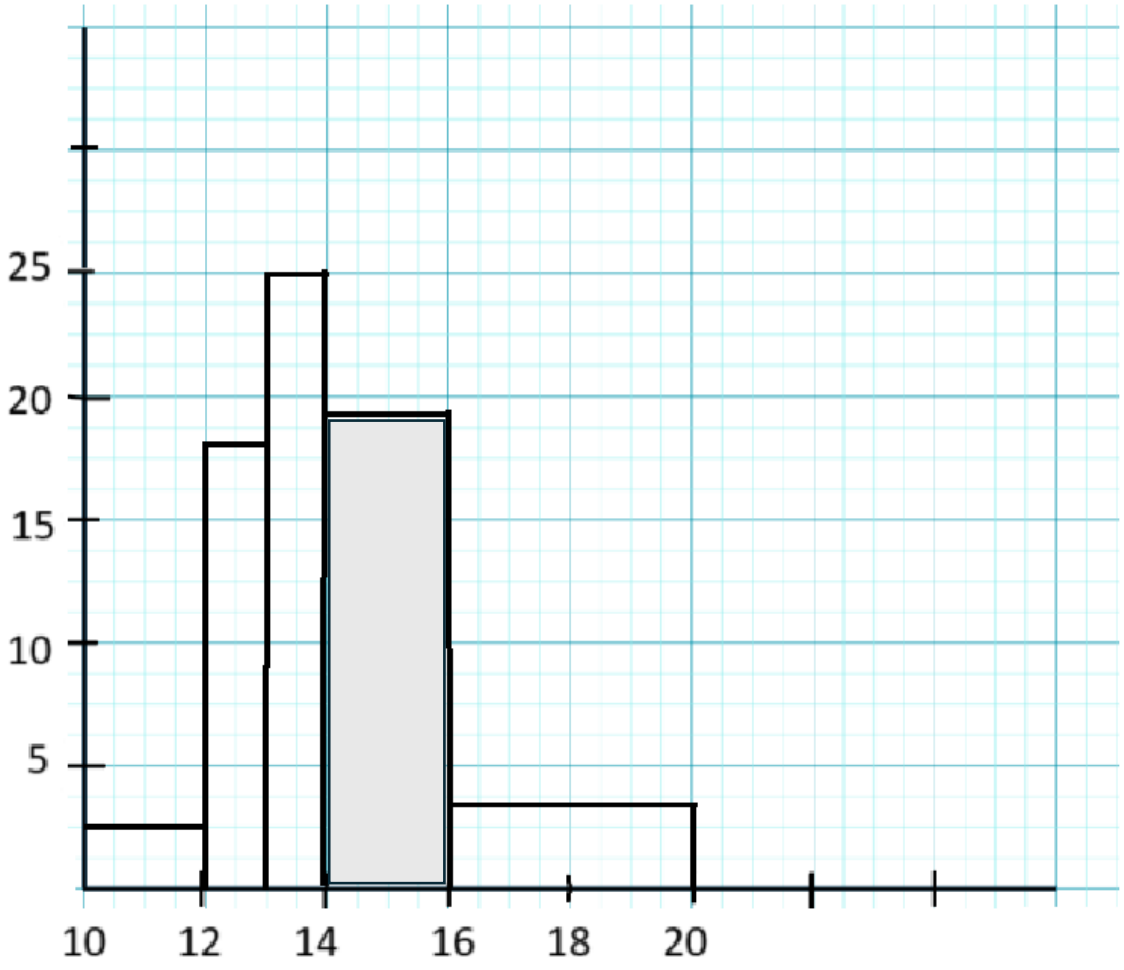
Median is at 66 Kg

Q4

Time (s)	Frequency	F.d.
$10 \leq t \leq 12$	5	2.5
$12 \leq t \leq 13$	18	18
$13 \leq t \leq 14$	25	25

14 ≤ t ≤ 16	*38*	19
16 ≤ t ≤ 20	12	3

a)



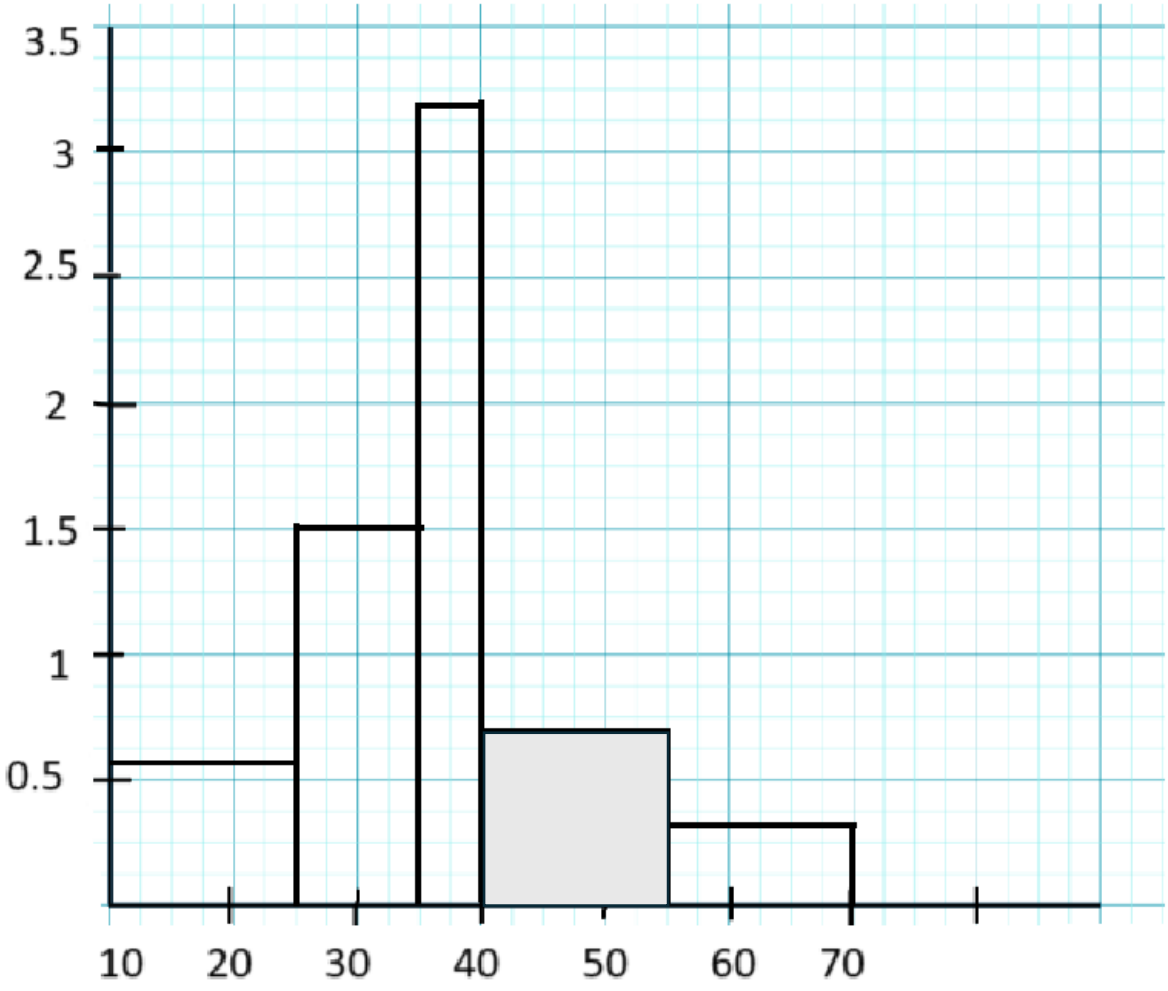
B) 19 x 2 = 38

Q5

Time (s)	Frequency	F.d.
10 ≤ t ≤	8	0.5

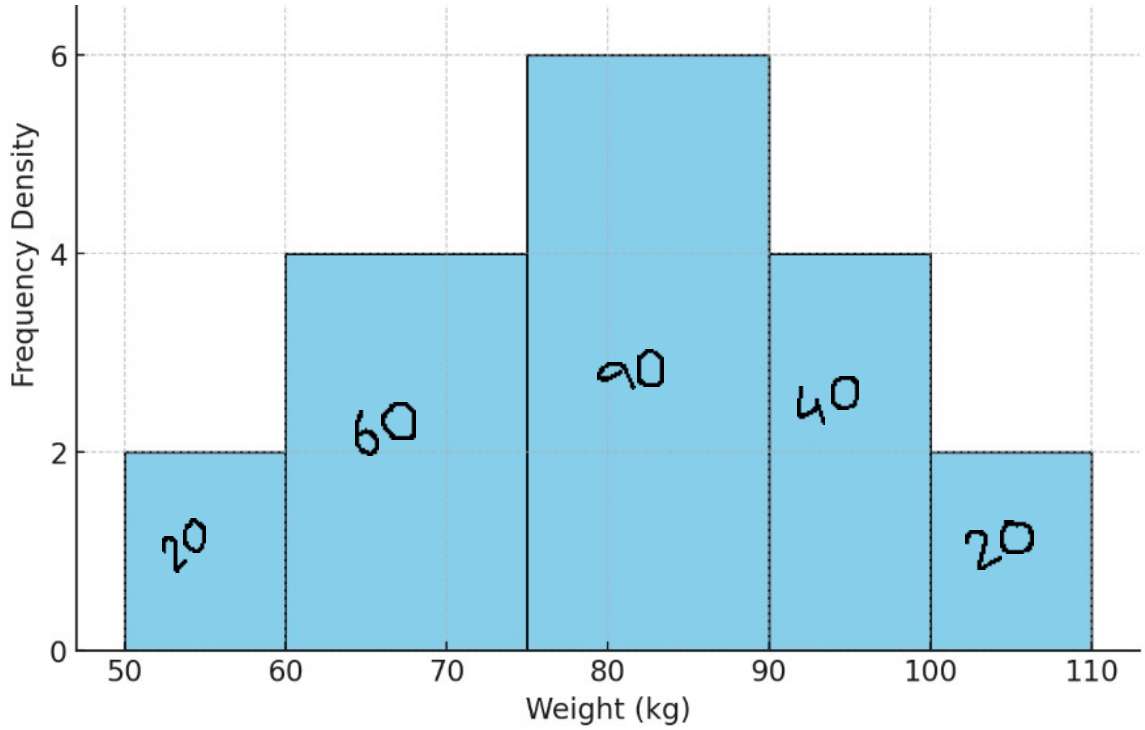
25		3
25 ≤ t ≤ 35	15	1.5
35 ≤ t ≤ 40	16	3.2
40 ≤ t ≤ 55	*10*	0.67
55 ≤ t ≤ 70	5	0.33

a)



b) 15 x 0.67 = 10

Q6

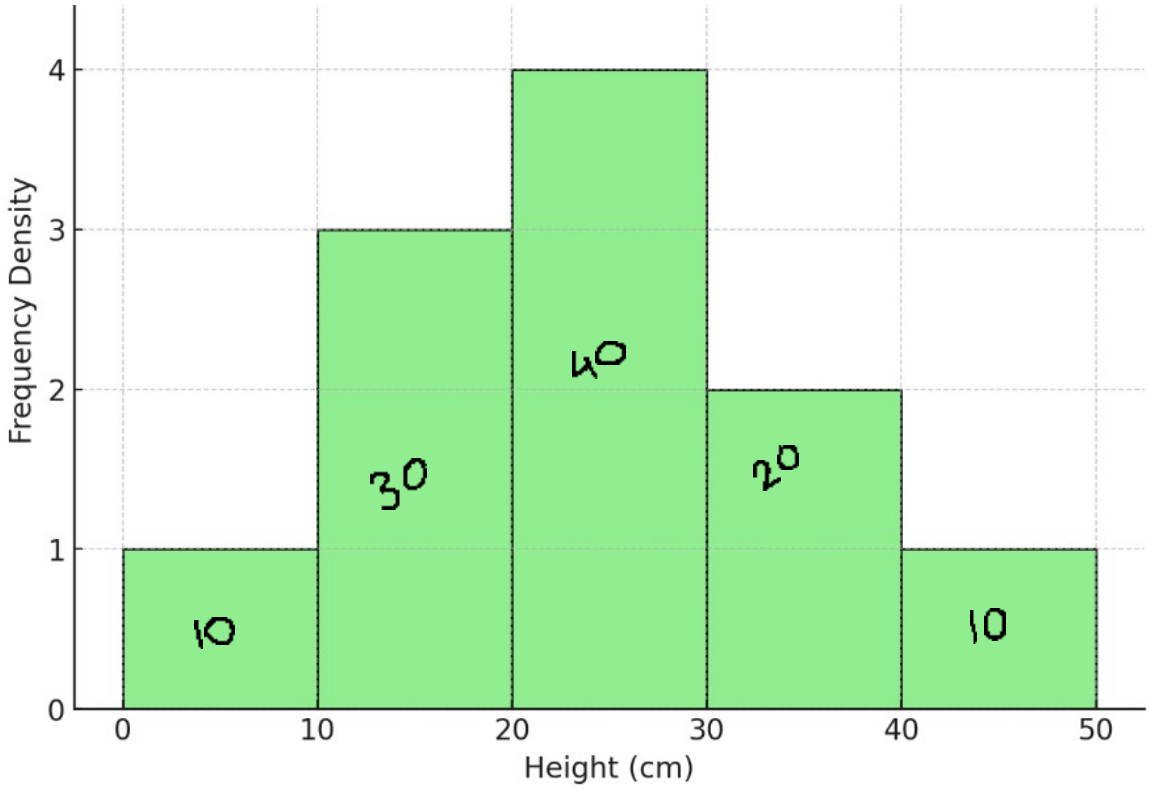


a) 60 calves weigh more than 90 kg

b) We are using grouped data. We do not know how many calves weighs between 80 and 85 Kg

---

Q7



a) 10 trees taller than 40 cm

Frequency:

10 + 30 + 40 + 20 + 10 = 110

10 / 110 = 1/11

b) We are using grouped data. We do not know how many trees have height between 15 and 20 cm