



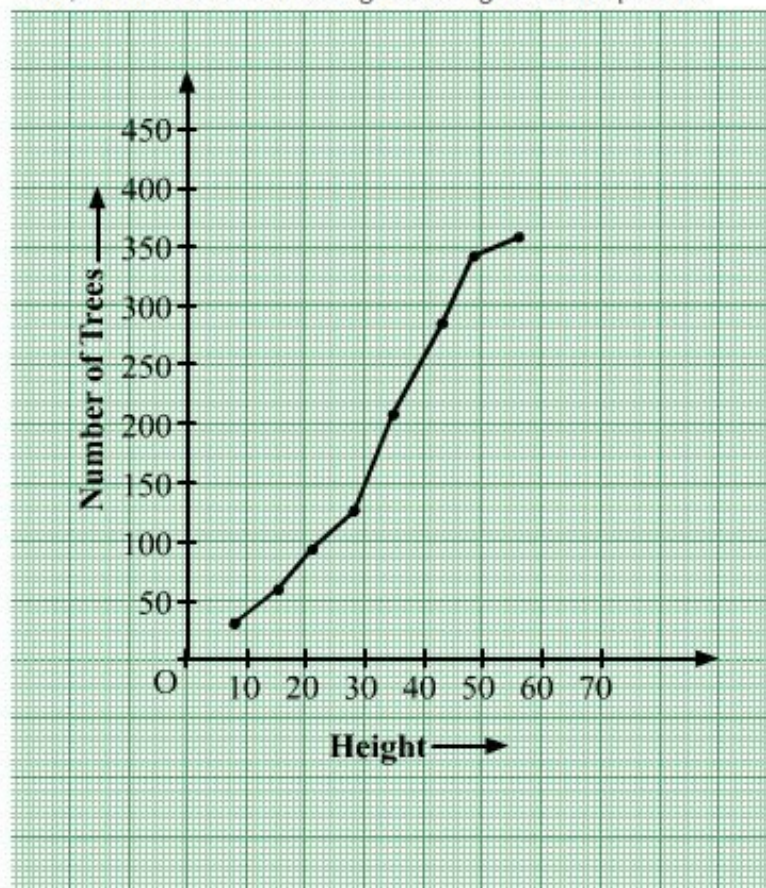
Statistics Ex 7.6 Q5

Answer :

Consider the following table.

Height (less than)	Height-class	No. of trees	Cumulative frequency	Suitable points
7	0-7	26	26	(7, 26)
14	7-14	31	57	(14, 57)
21	14-21	35	92	(21, 92)
28	21-28	42	134	(28, 134)
35	28-35	82	216	(35, 216)
42	35-42	71	287	(42, 287)
49	42-49	54	341	(49, 341)
56	49-56	19	360	(56, 360)

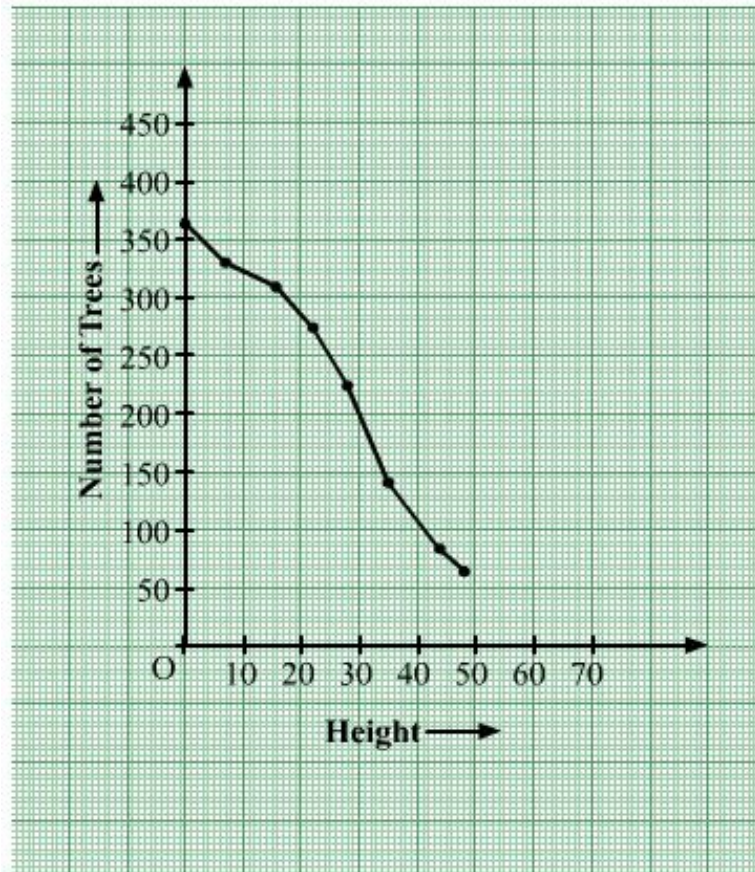
Now, draw the less than ogive using suitable points.



Now, prepare the cumulative frequency table for more than series.

Height	No. of trees	Height (more than)	Cumulative frequency	Suitable points
0-7	26	0	360	(0, 360)
7-14	31	7	334	(7, 334)
14-21	35	14	303	(14, 303)
21-28	42	21	268	(21, 268)
28-35	82	28	226	(28, 226)
35-42	71	35	144	(35, 144)
42-49	54	42	73	(42, 73)
49-56	19	49	54	(49, 54)

Now, draw the more than ogive using suitable points.



***** END *****