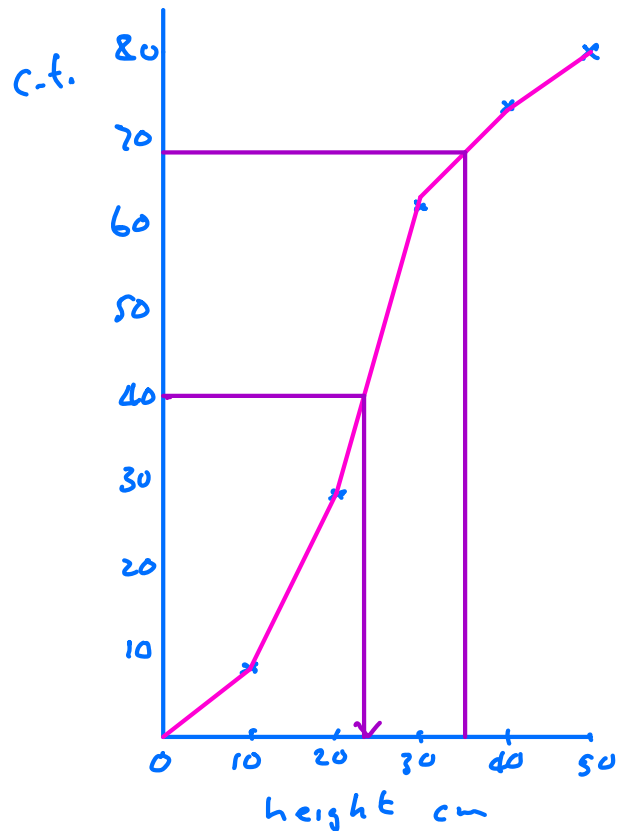


Cumulative Frequency

height cm	Freq	Cumulative Freq
$0 < h \leq 10$	8	8
$10 < h \leq 20$	20	28
$20 < h \leq 30$	34	62
$30 < h \leq 40$	12	74
$40 < h \leq 50$	6	80



cumulative frequency
graph
or Ogive

Find median height = 23 cm

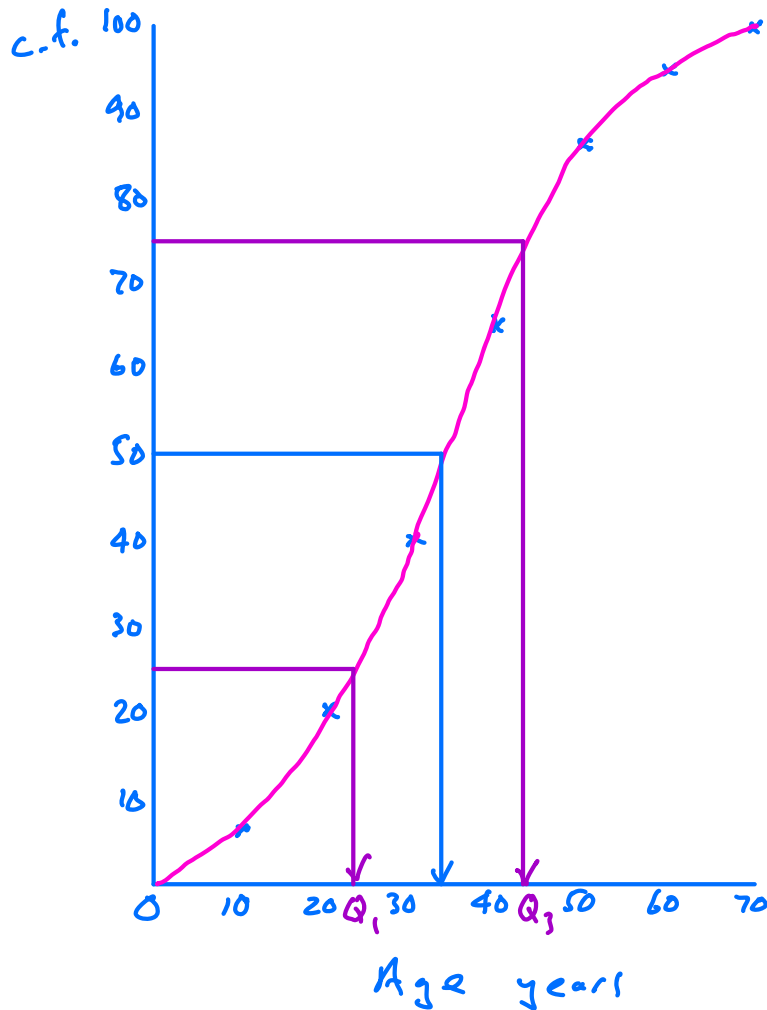
Estimate how many plants are higher than 35 cm

$$80 - 68 = 12 \text{ plants higher than 35 cm}$$

PLOT AT RIGHT HAND EDGE OF EACH INTERVAL!

Ex 2

Age	Freq	c. f.
$0 < A \leq 10$	6	6
$10 < A \leq 20$	14	20
$20 < A \leq 30$	20	40
$30 < A \leq 40$	25	65
$40 < A \leq 50$	22	87
$50 < A \leq 60$	8	95
$60 < A \leq 70$	5	100



$$\text{Median} = 33$$

Inter-Quartile Range

$$\begin{aligned} \text{IQR} &= Q_3 - Q_1 \\ &= 43 - 23 \\ &= 20 \end{aligned}$$

JOIN WITH STRAIGHT LINE SEGMENTS OR SMOOTH CURVE