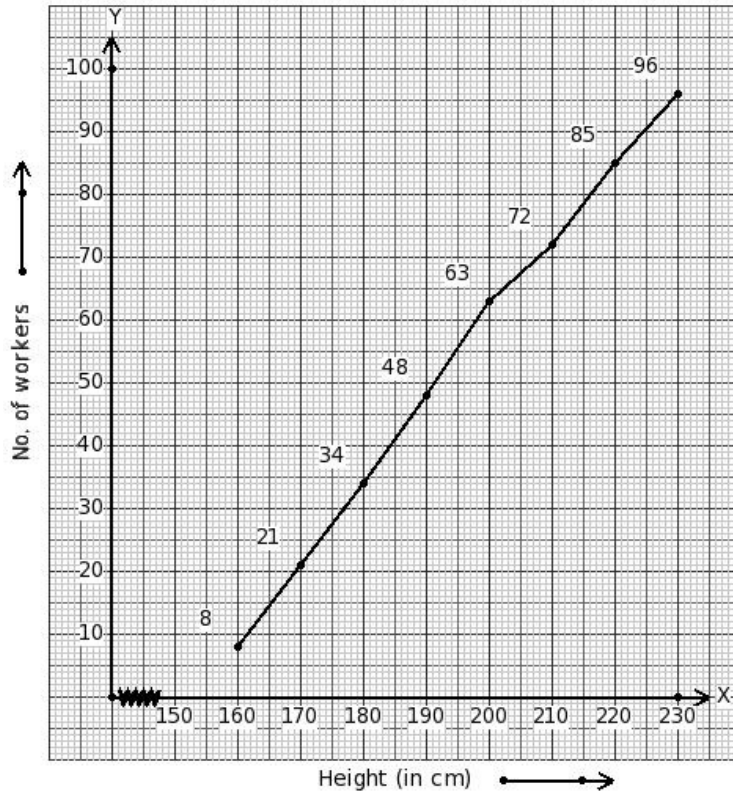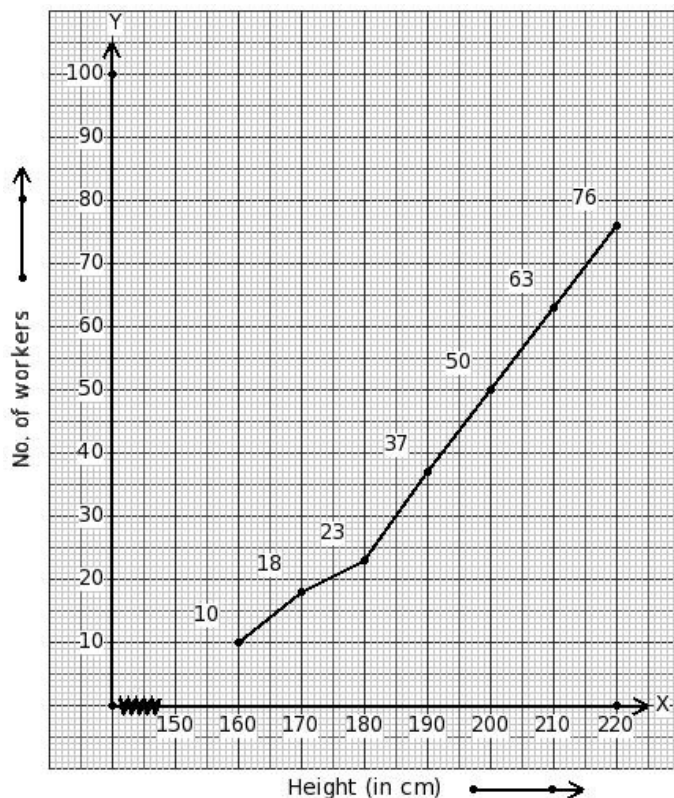1. The following ogive shows the distribution of the heights of a group of factory workers. Estimate the median.
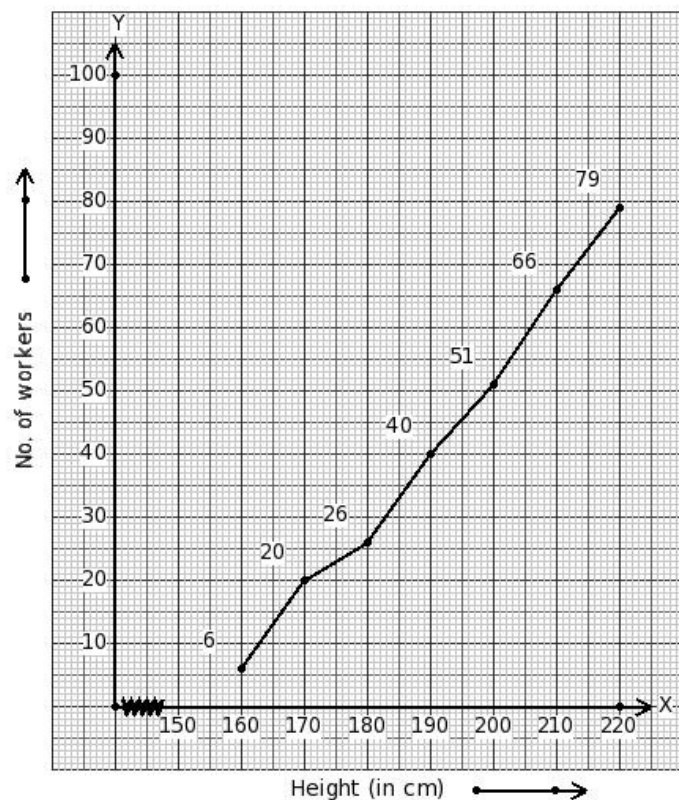

(i) 195.00 cm (ii) 185.00 cm (iii) 187.50 cm (iv) 190.00 cm (v) 192.50 cm

2. The following ogive shows the distribution of the heights of a group of factory workers. Estimate the lower quartile.
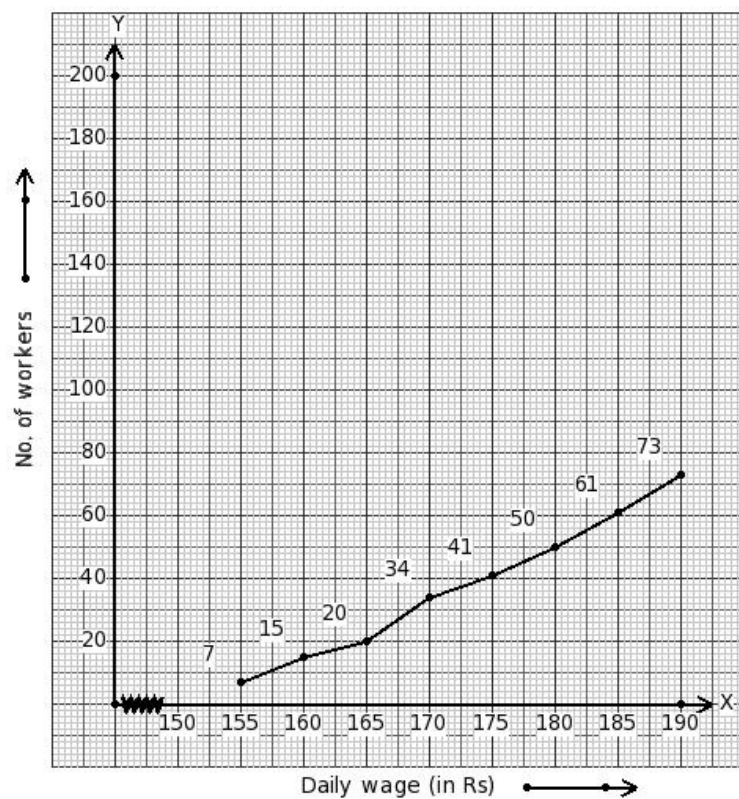

(i) 167.00 cm (ii) 177.00 cm (iii) 174.50 cm (iv) 169.50 cm (v) 172.00 cm

3. The following ogive shows the distribution of the heights of a group of factory workers. Estimate the upper quartile.
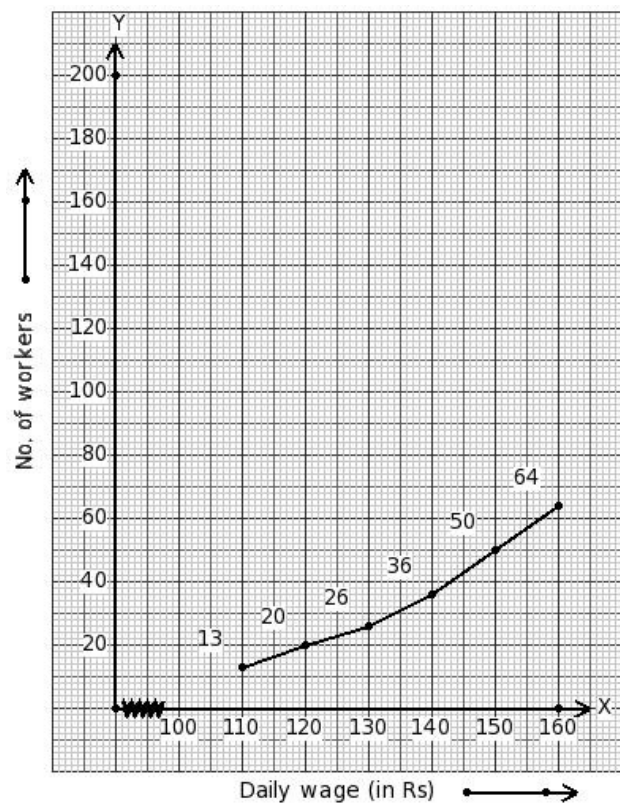

Height (in cm)

(i) 205.50 cm (ii) 208.00 cm (iii) 200.50 cm (iv) 210.50 cm (v) 203.00 cm

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4. The following ogive shows the daily wages of workers in a factory. Estimate the median.
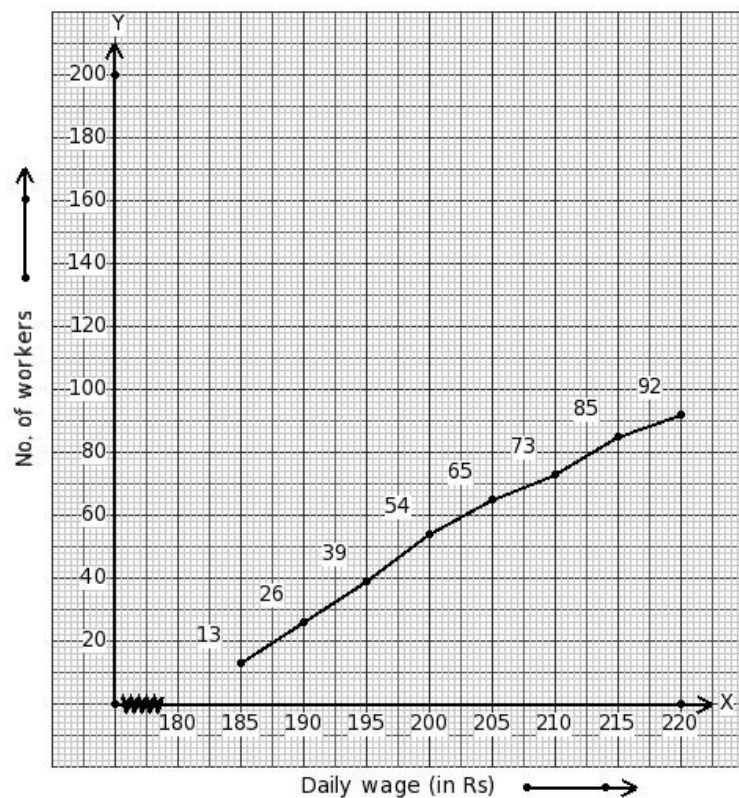

Daily wage (in Rs)

(i) ₹174.29 (ii) ₹169.29 (iii) ₹173.04 (iv) ₹170.54 (v) ₹171.79

5. The following ogive shows the daily wages of workers in a factory. Estimate the lower quartile.
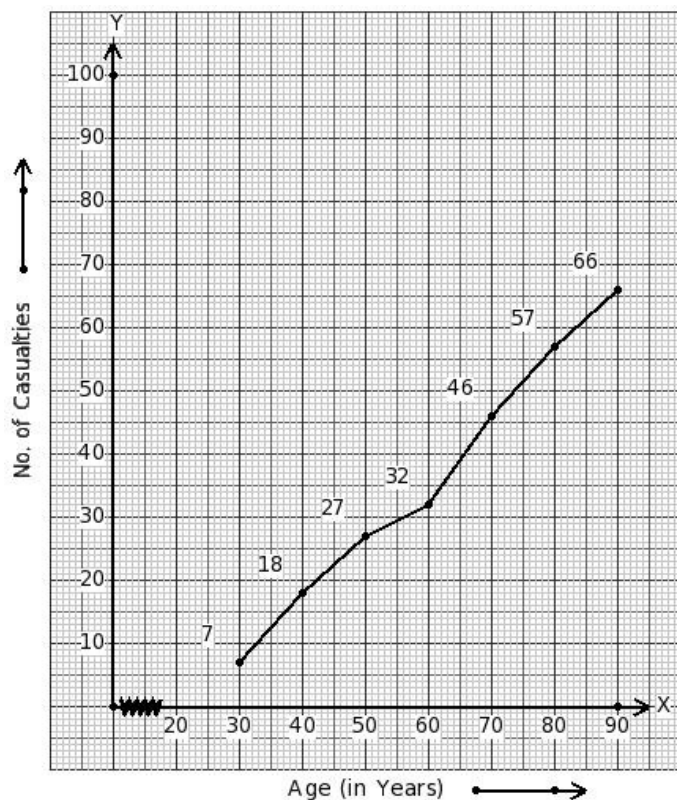

Daily wage (in Rs)

(i) ₹116.79 (ii) ₹109.29 (iii) ₹119.29 (iv) ₹111.79 (v) ₹114.29

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6. The following ogive shows the daily wages of workers in a factory. Estimate the upper quartile.
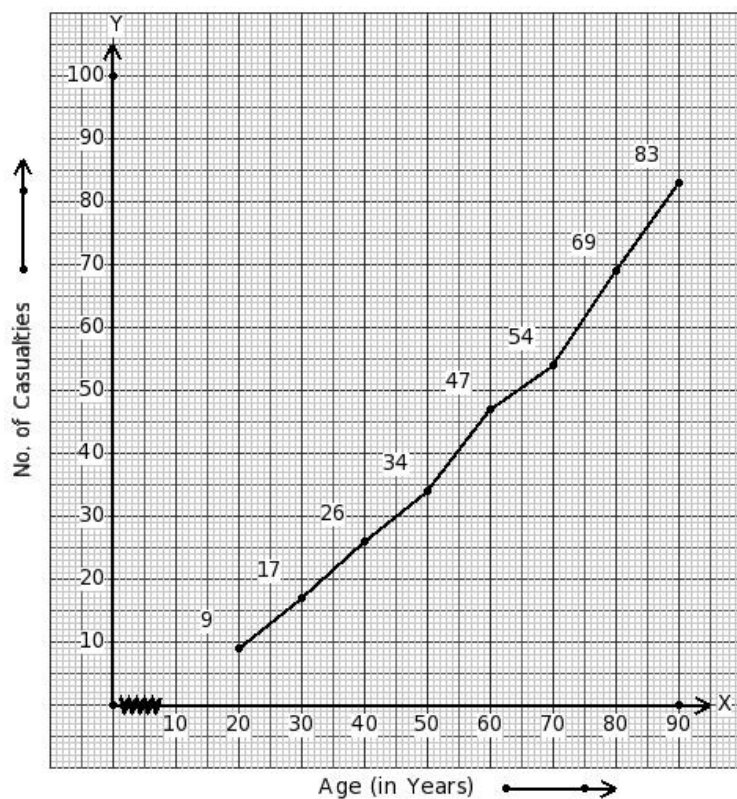

Daily wage (in Rs)

(i) ₹206.25 (ii) ₹210.00 (iii) ₹208.75 (iv) ₹207.50 (v) ₹205.00

7. The following ogive shows the number of casualties of different age groups due to accidents in a city. Estimate the median.
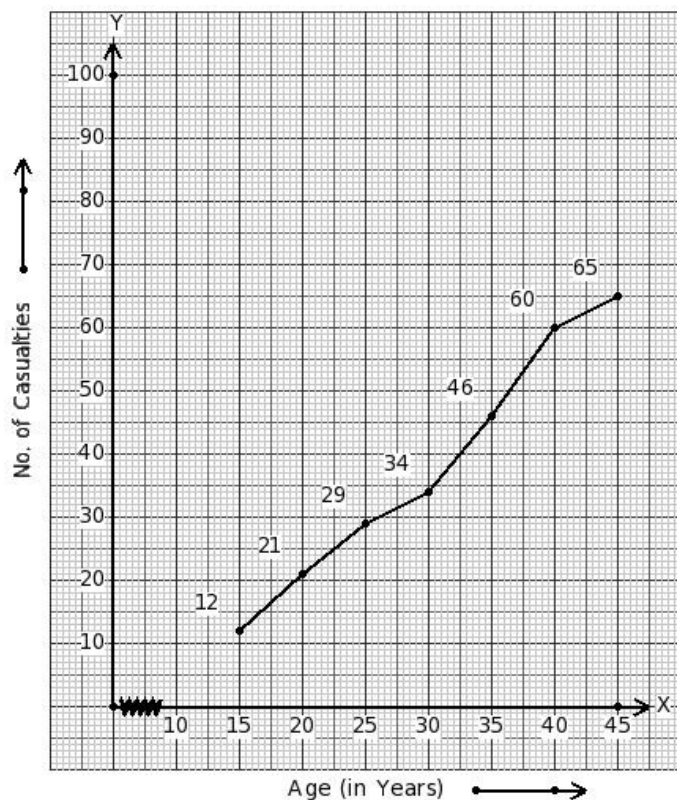

(i) 60.71 years (ii) 63.21 years (iii) 58.21 years (iv) 55.71 years (v) 65.71 years

8. The following ogive shows the number of casualties of different age groups due to accidents in a city. Estimate the lower quartile.
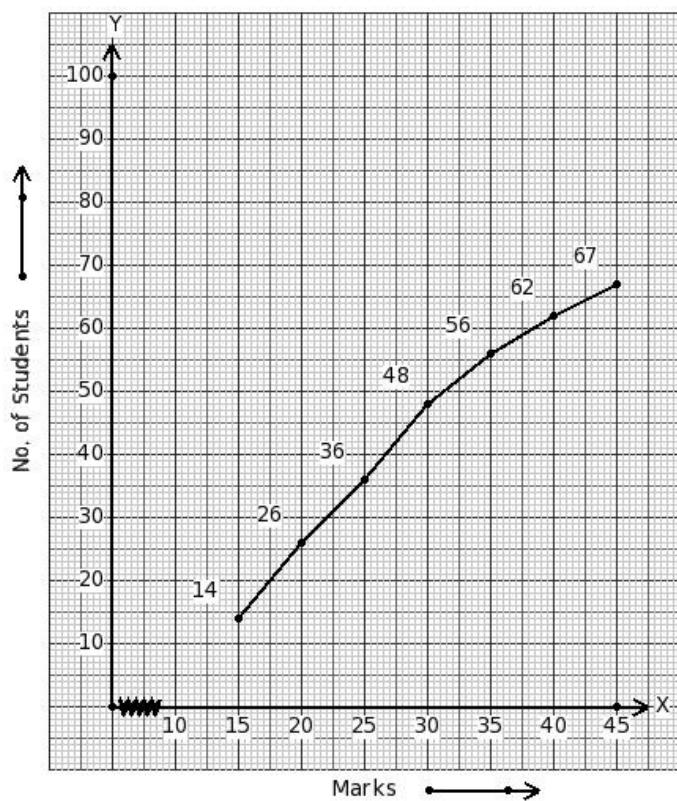

(i) 39.17 years (ii) 34.17 years (iii) 31.67 years (iv) 29.17 years (v) 36.67 years

9. The following ogive shows the number of casualties of different age groups due to accidents in a city. Estimate the upper quartile.
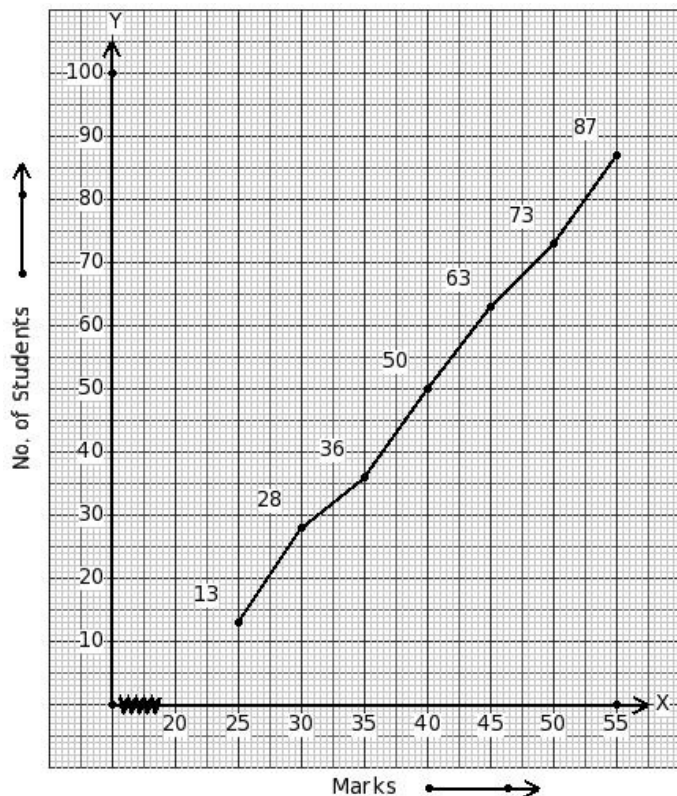

(i) 35.98 years (ii) 34.73 years (iii) 33.48 years (iv) 37.23 years (v) 38.48 years

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10. The marks obtained by certain students in a mathematics examination are given below. Estimate the median.
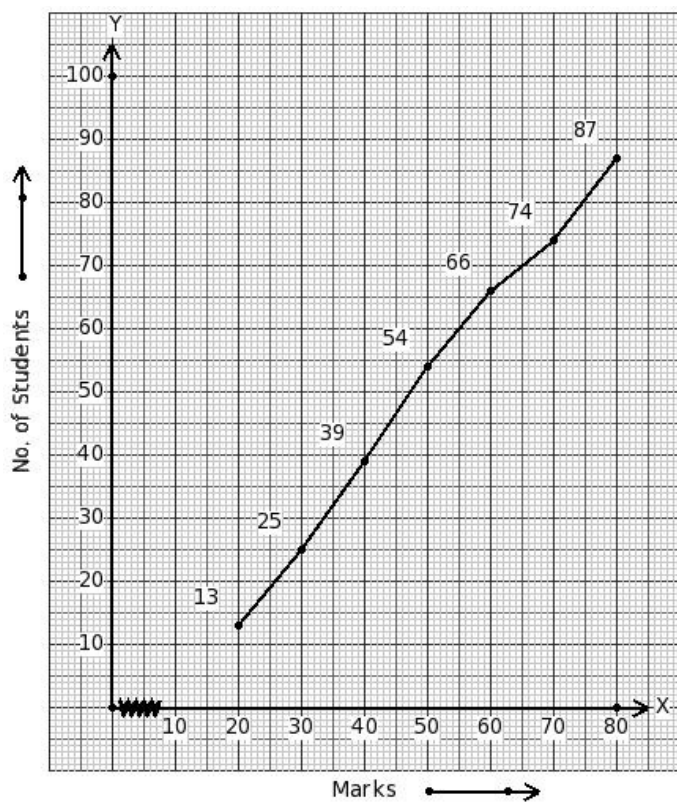

(i) 21.25 (ii) 22.50 (iii) 26.25 (iv) 25.00 (v) 23.75

11. The marks obtained by certain students in a mathematics examination are given below. Estimate the lower quartile.

(i) 27.92 (ii) 26.67 (iii) 25.42 (iv) 29.17 (v) 30.42

12. The marks obtained by certain students in a mathematics examination are given below. Estimate the upper quartile.

(i) 56.88 (ii) 61.88 (iii) 59.38 (iv) 64.38 (v) 54.38

Assignment Key

1) (iv)	2) (v)	3) (i)	4) (v)	5) (v)	6) (iv)
7) (i)	8) (ii)	9) (i)	10) (v)	11) (i)	12) (iii)