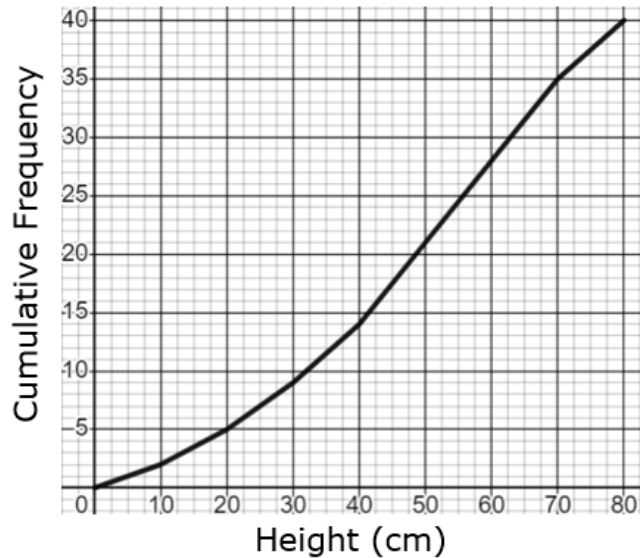


Reading Cumulative Frequency Graphs

(a)

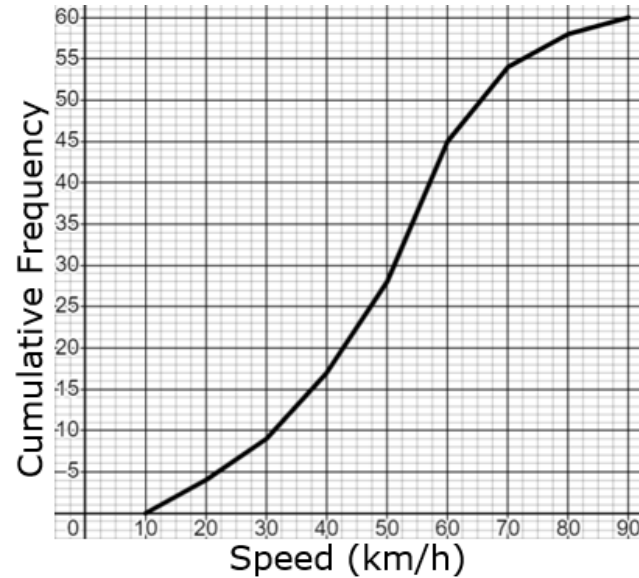
The cumulative frequency graph shows the height of 40 plants in *cm*.



- (a) Find the median height of the plants.
- (b) Find the interquartile range of the heights of the plants.
- (c) Find the number of plants whose height is less than 30 *cm*.

(b)

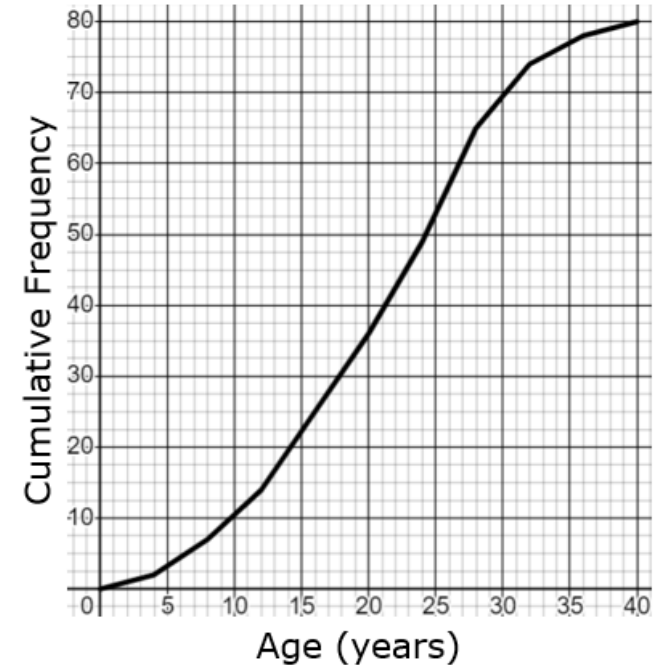
The cumulative frequency graph shows the speed of 60 cars in *km/h*.



- (a) Find the interquartile range of the speeds.
- (b) Find the number of cars travelling less than 45 *km/h*.
- (c) The speed limit is 70 *km/h*. What fraction of cars are breaking the speed limit?

(c)

The cumulative frequency graph shows the age of 80 apple trees in years.



- (a) Find the number of trees that are at least 25 years old.
- (b) Oscar says "30% of apple trees are less than 15 years old". Is Oscar correct? You must show working.