

## Level 1: Group discrete data and represent grouped data graphically

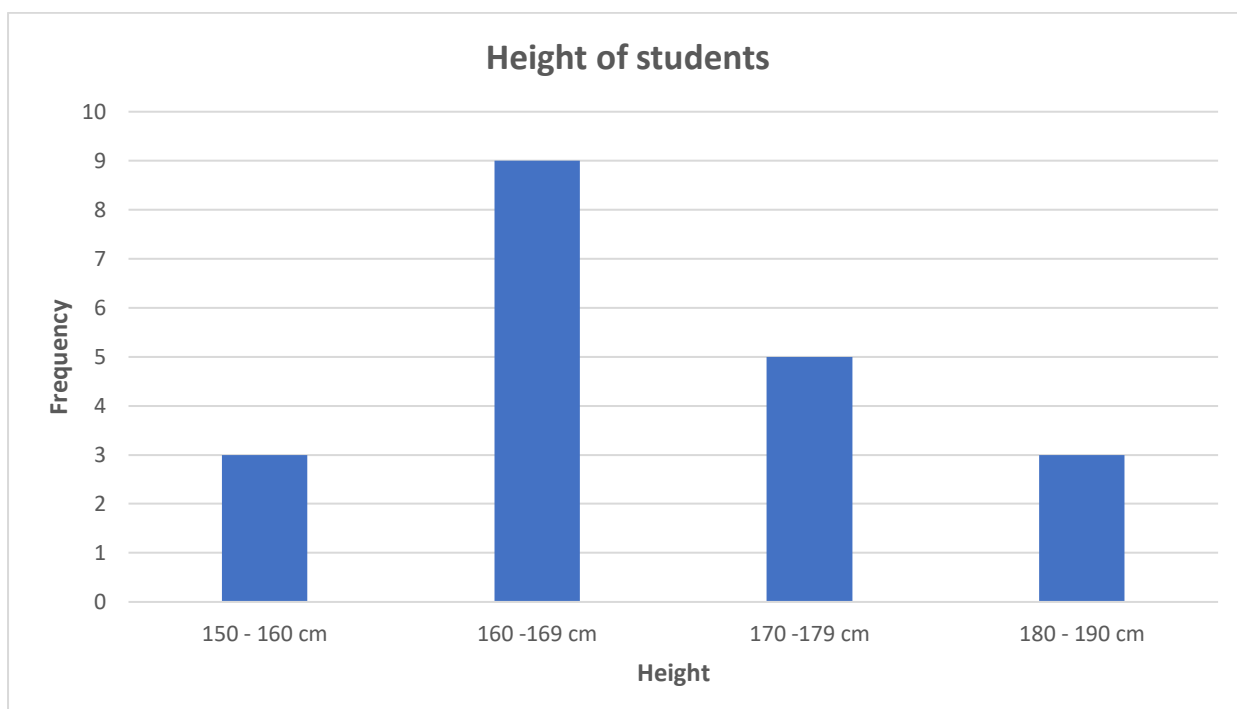
### Answers

1. Salma is doing some research linked to the heights of students. She asks some of them about their heights and here are their responses: **156cm, 168cm, 160cm, 172cm, 159cm, 185cm, 168cm, 172cm, 170cm, 180cm, 166cm, 172cm, 164cm, 165cm, 181cm, 177cm, 167cm, 159cm, 168cm, 166cm.**

Fill in the table with information from this data set.

Height of students	
Height	Frequency
150 - 160 cm	3
160 -169 cm	9
170 -179 cm	5
180 - 190 cm	3
	20

Represent this data set in a bar chart.



2. Linda is looking at the number of minutes she has left the work building after 5pm for a month, to see if there are any patterns so that she can plan the rest of the day better. Here is her log:

January				
16mins	10mins	12mins	20 mins	7 mins
18 mins	7 mins	1 mins	9 mins	25 mins
5 mins	16 mins	12 mins	10 mins	18 mins
8 mins	17 mins	2 mins	5 mins	15 mins
28 mins	16mins	38 mins		

Group the data and represent it in a table.

Minutes of overtime for January	
Overtime	Frequency
1-10 mins	9
11-20 mins	11
21-30 mins	2
31-40 mins	1

Represent this data set in a bar chart.

