

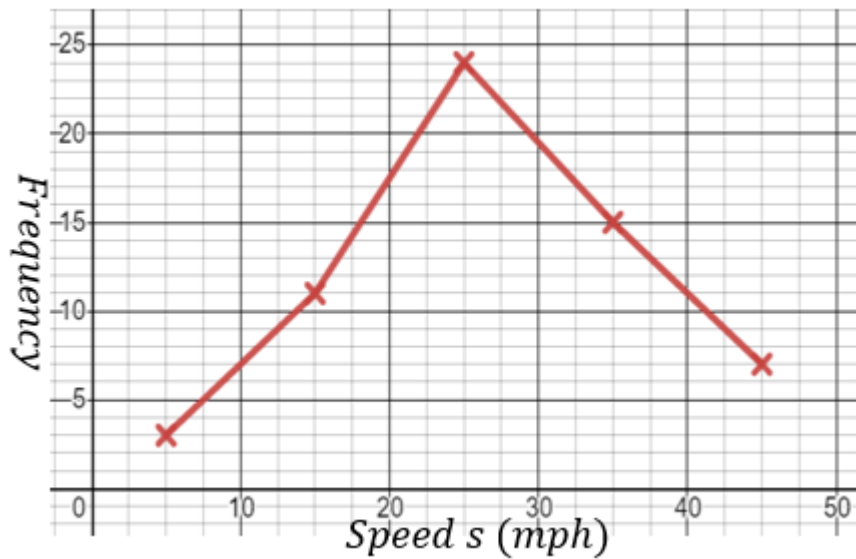
Plotting Frequency Polygons

(a)

The table shows the speeds of 60 motorbikes on a road.

Speed s (mph)	Frequency	Midpoint
$0 < s \leq 10$	3	5
$10 < s \leq 20$	11	15
$20 < s \leq 30$	24	25
$30 < s \leq 40$	15	35
$40 < s \leq 50$	7	45

Draw a frequency polygon to represent this information.



(b)

The table shows the number of pairs of shoes owned by 50 students.

Number of Pairs of Shoes	Frequency	Midpoint
1 – 3	6	2
4 – 6	16	5
7 – 9	18	8
10 – 12	7	11
13 – 15	3	14

Draw a frequency polygon to represent this information.

