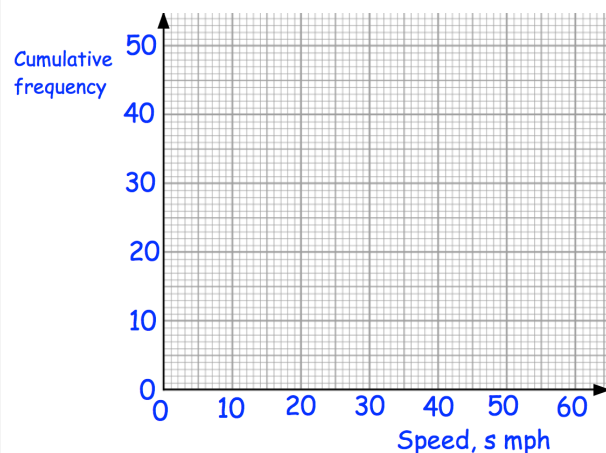Corbettmaths

Factorise $4y^2 - 9w^2$

Calculate the distance between the coordinates (1, 3) and (3, 8).

Give your answer correct to 1 decimal place.

The table shows the speeds of 50 vehicles travelling along a road.

Speed (mph)	Frequency
10 < s ≤ 20	1
20 < s ≤ 30	9
30 < s ≤ 40	25
40 < s ≤ 50	11
50 < s ≤ 60	4

Draw a cumulative frequency graph.

Cumulative frequency

Speed, s mph

Find an estimate for the interquartile range.

Find an estimate of the speed that 80% of the cars travelled slower than.