

## OGIVES

Marsh supermarket recorded the length of time, to the nearest minute, that a sample of 200 cars was parked in their lot. The results were:

Time (minutes)	Frequency
0 - 14	13
15 - 29	23
30 - 44	32
45 - 59	33
60 - 74	27
75 - 89	20
90 - 104	12
105 - 119	11
120 - 134	10
135 - 149	11
150 - 164	8

- Draw an Ogive and use it to estimate the upper and lower quartiles
- Estimate the 80th percentile
- Estimate the percentage of cars parked more than 50 minutes