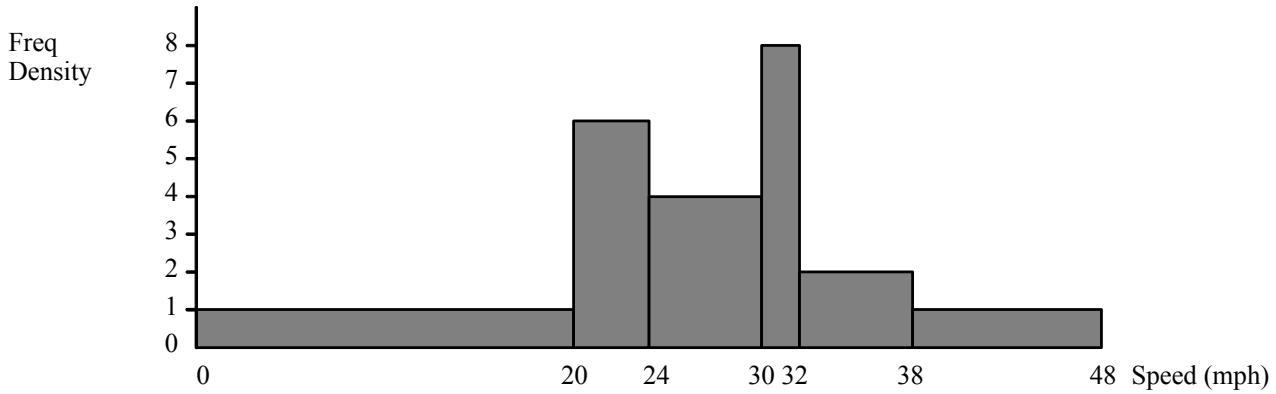


Histograms and Frequency Polygons

1) The time taken for children to complete a jigsaw puzzle was recorded as follows. Draw a histogram of this data.

Time (secs)	5-10	10-20	20-25	25-40	40-45
Frequency	2	12	7	15	4

2) This histogram represents the speeds of cars recorded as they pass a 30 miles per hour sign. Write out the frequency table from which this histogram was constructed.



3) The masses, recorded to the nearest kilogram, of 200 girls were as follows. Draw a histogram of this data, and superimpose a frequency polygon.

Mass (kg)	41-50	51-55	56-60	61-70	71-75
Frequency	21	62	55	50	12

4) The frequency polygon shows the lengths of sticks collected in a wood. Copy the graph and superimpose a histogram upon it. Complete this frequency table from which the polygon was constructed:

Length (cm)	0- 4-	8-	12-	16-	18-	20-30
Frequency						

