

Interpreting a Histogram

RoK – Retention of Knowledge

Complete the Table

Transport Costs	Frequency	Class Width	Frequency Density
$0 \leq s < 10$	14		
$10 \leq s < 30$	15		
$30 \leq s < 50$	30		
$50 \leq s < 70$	60		
$70 \leq s < 100$	45		

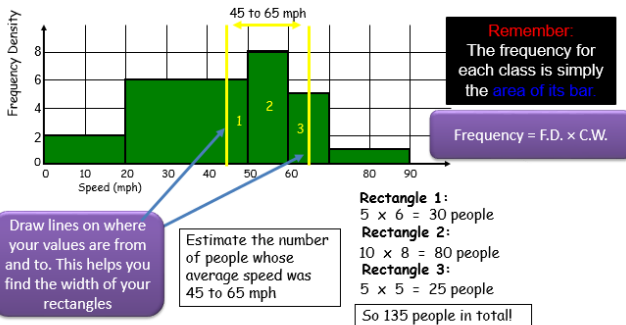
Explain to an alien how to calculate both the frequency density from a table and the frequency from a histogram.

Literacy



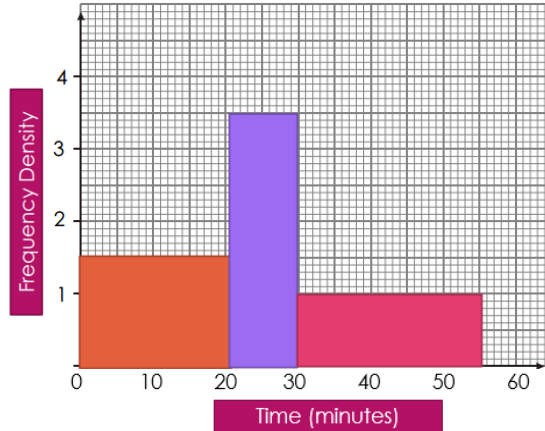
Memory

Memory- Interpreting Histograms



Skill 1

The table gives information about the time, in minutes it took students to complete homework's.



Time on Homework	Frequency	Frequency Density

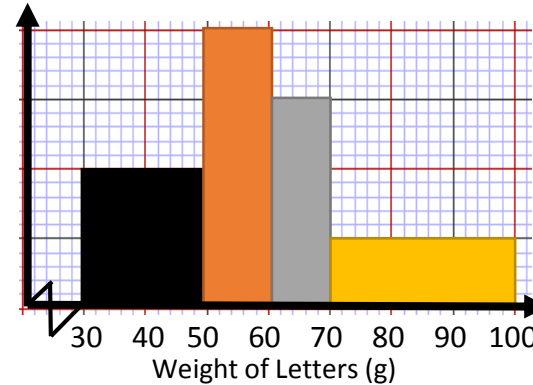
2) How many students completed their homework in less than 10 minutes?

3) How many people completed their homework in more than 40 minutes?

4) How many people took between 15 minutes and 45 minutes to complete their homework?

Skill 2

The histogram shows weight of letters delivered by post men. There were 8 letters in the class 50g-60g. Complete a frequency tables, using this information.



1) Complete the table

Time on Homework	Frequency	Frequency Density

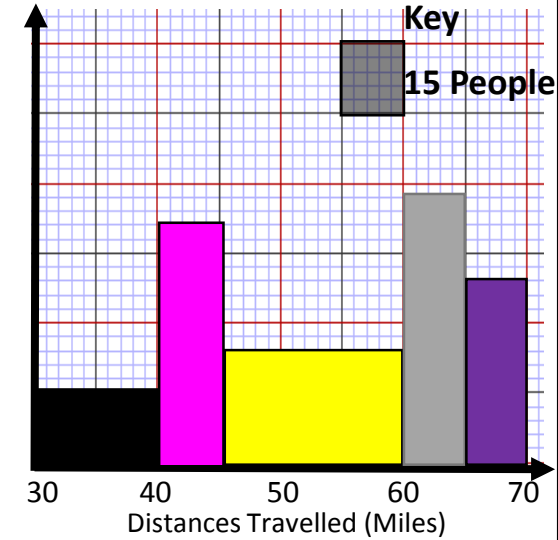
2) How many letters weigh more than 80g?

3) How many letters weigh between 40g and 60g?

4) How many letters weigh between 50g and 75g?

Stretch

Miss B made a histogram of the distance people travelled to come to a conference.



1) Complete the table

Time on Homework	Frequency	Frequency Density

2) How many people travelled fewer than 50 miles?

3) How many people travelled between 35 and 50 miles?

4) How many people **didn't** travel between 55 and 65 miles?