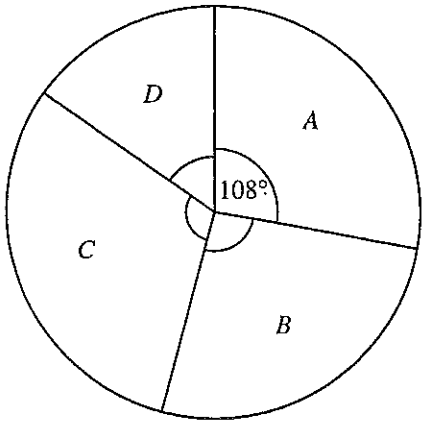
IGCSE – Pie Chart and Histogram -1

Oct 02 Paper 4

7 **(a)** A group of students sat an examination. Each student got one of the grades A, B, C or D.
The pie chart shows these results.



NOT TO SCALE

36 students got grade A, shown by an angle of 108°.

(i) Calculate the total number of students who sat the examination. [2]

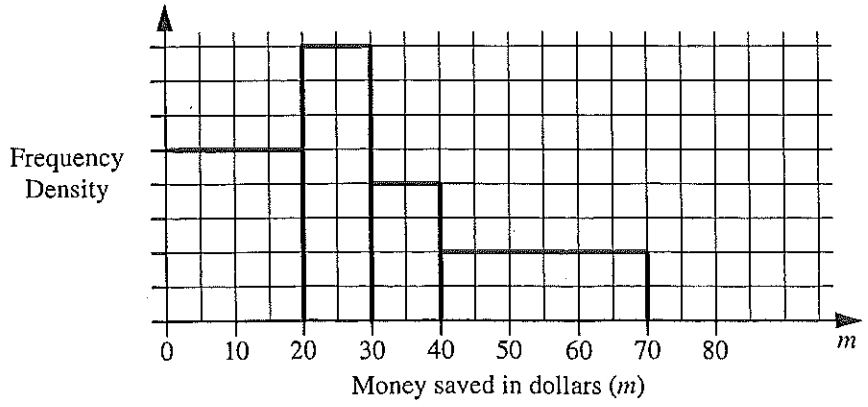
(ii) How many students did **not** get grade A? [1]

(iii) The ratio of the number of students getting grades B, C or D is 4 : 5 : 3.
Find the number of students getting each grade. [3]

(iv) Work out the angles in the pie chart for grades B, C and D. [3]

(v) Find the ratio, **in its lowest terms,**
the number of students with grade A : the number of students with grade B. [1]

(b) A group of children were asked how much money they had saved. The histogram and table show the results.



Money saved ($m)	$0 < m \leqslant 20$	$20 < m \leqslant 30$	$30 < m \leqslant 40$	$40 < m \leqslant 70$
Frequency	25	p	q	r

Use the histogram to calculate the values of p, q and r. [4]