

Displaying Data

Difficulty: Easy

Question Paper 1

Level	IGCSE
Subject	Maths (0580/0980)
Exam Board	CIE
Topic	Statistics
Sub-Topic	Displaying Data
Paper	Paper 2
Difficulty	Easy
Booklet	Question Paper 1

Time allowed: 18 minutes

Score: /14

Percentage: /100

Grade Boundaries:

CIE IGCSE Maths (0580)

A*	A	B	C	D	E
>88%	76%	63%	51%	40%	30%

CIE IGCSE Maths (0980)

9	8	7	6	5	4	3
>94%	85%	77%	67%	57%	47%	35%

Question 1

The table shows some information about the mass, m grams, of 200 bananas.

Mass (m grams)	$90 < m \leq 110$	$110 < m \leq 120$	$120 < m \leq 125$	$125 < m \leq 140$
Frequency	40	70	60	30
Height of column in histogram (cm)			6	

Complete the table.

[4]

Question 2

The four sector angles in a pie chart are $2x^\circ$, $3x^\circ$, $4x^\circ$ and 90° .

Find the value of x .

[2]

Question 3

Michelle sells ice cream.

The table shows how many of the different flavours she sells in one hour.

Flavour	Vanilla	Strawberry	Chocolate	Mango
Number sold	6	8	9	7

Michelle wants to show this information in a pie chart.

Calculate the sector angle for mango.

[2]

Question 4

Bruce plays a game of golf.

His scores for each of the 18 holes are shown below.

2 3 4 5 4 6 2 3 4
4 5 3 4 3 5 4 4 4

The information is to be shown in a pie chart.

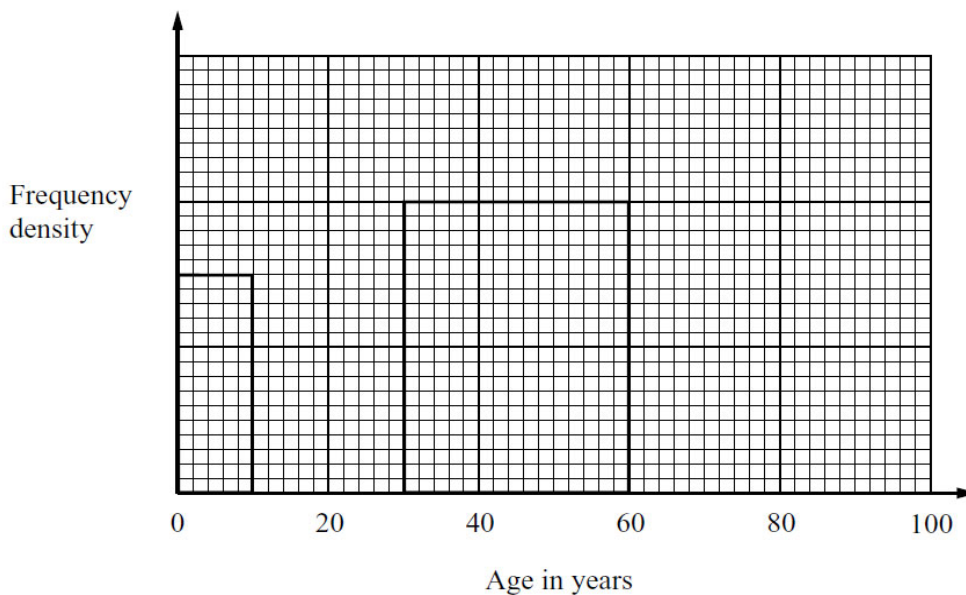
Calculate the sector angle for the score of 4.

[2]

Question 5

A doctor's patients are grouped by age, as shown in the table and the histogram below.

Age (x years)	$0 \leq x < 10$	$10 \leq x < 30$	$30 \leq x < 60$	$60 \leq x < 100$
Number of patients	300	600		880



- (a) Complete the following:
 1 cm² represents patients. [1]
- (b) Use the histogram to fill in the blank in the table. [1]
- (c) Draw the missing two rectangles to complete the histogram. [2]