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|---------------|--|--|--|--|--|--|--|--|---|--|-----------------|-----------|------------|
| Centre No.    |  |  |  |  |  |  |  |  |   |  | Paper Reference | Surname   | Initial(s) |
| Candidate No. |  |  |  |  |  |  |  |  | / |  |                 | Signature |            |

Paper Reference(s)

Examiner's use only

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Team Leader's use only

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# Edexcel GCSE

## Mathematics

Unit 2 – Section B – (Non-Calculator)

Data Handling

# Foundation Tier



Mock Paper

Time: 20 minutes

### Materials required for examination

Ruler graduated in centimetres and millimetres, protractor, compasses, pen, HB pencil, eraser.  
Tracing paper may be used.

### Items included with question papers

Nil

### Instructions to Candidates

In the boxes above, write your centre number, candidate number, your surname, initials and signature. Check that you have the correct question paper. Answer ALL the questions. Write your answers in the spaces provided in this question paper. If you need more space to complete your answer to any question, use additional answer sheets.

### Information for Candidates

The marks for individual questions and the parts of questions are shown in round brackets: e.g. (2). There are 5 questions in this question paper. The total mark for this paper is 15. There are 8 pages in this question paper. Any blank pages are indicated. **Calculators must not be used.**

### Advice to Candidates

Show all stages in any calculations. Work steadily through the paper. Do not spend too long on one question. If you cannot answer a question, leave it and attempt the next one. Return at the end to those you have left out.

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GCSE Mathematics 2544 Mock Papers UG018521

**SECTION B**

**Answer ALL FIVE questions.**

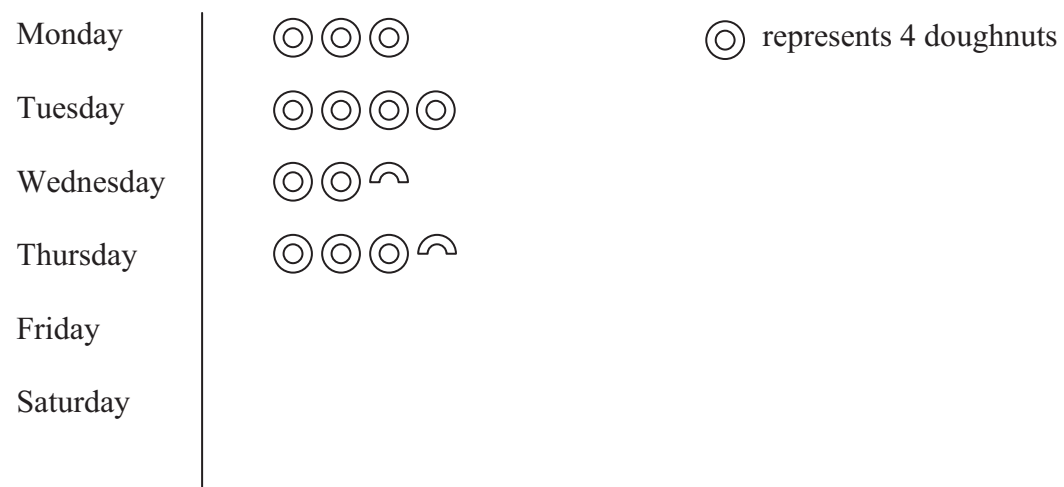
**Write your answers in the spaces provided.**

**You must write down all stages of your working.**

**You must NOT use a calculator for this section.**

**1.** Sam sells doughnuts.

The incomplete pictogram shows information about the number of doughnuts he sold one week from Monday to Thursday.



(a) Write down the number of doughnuts Sam sold on Monday.

.....  
**(1)**

(b) Write down the number of doughnuts Sam sold on Wednesday.

.....  
**(1)**

Sam sold 8 doughnuts on Friday.

(c) Show this on the pictogram.

**(1)**

Sam sold 22 doughnuts on Saturday.

(d) Show this on the pictogram.

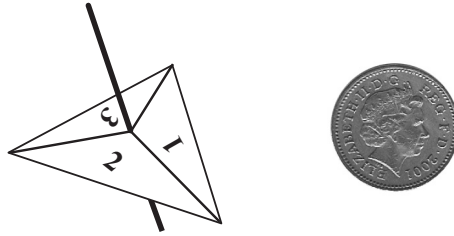
**(1)**

**Q1**

**(Total 4 marks)**

Leave blank

2. Here is a 3-sided spinner and a coin.



Daniel spins the spinner and throws the coin.

Write down all the possible outcomes.

One outcome, (3, Head), has been done for you.

(3, Head), .....

.....

(Total 2 marks)

Q2

3. Barry is going to carry out a survey of the favourite school subject of each of his friends.

Design a suitable data collection sheet that Barry could use.

(Total 3 marks)

Q3

Leave  
blank

4. Here are the lengths, in millimetres, of 15 fish.

154 166 180 173 153 175 168 161

180 156 164 158 162 164 173

Draw an ordered stem and leaf diagram to show this information.  
You must include a key.

|    |  |
|----|--|
| 15 |  |
| 16 |  |
| 17 |  |
| 18 |  |

Key:

Q4

(Total 3 marks)

Leave  
blank

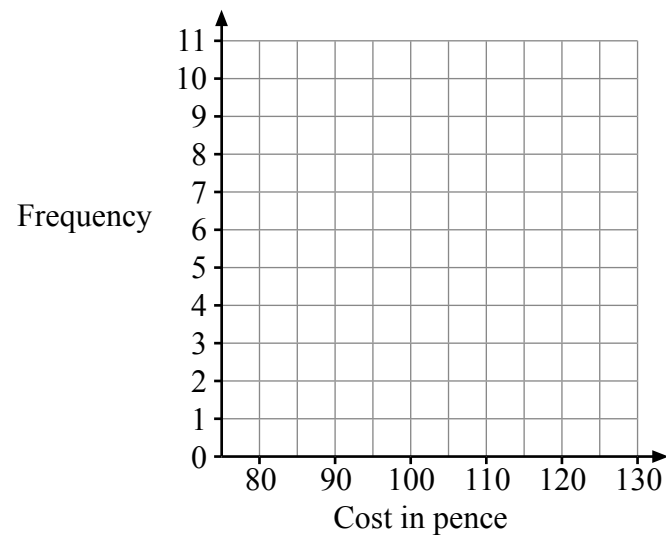
5. Parminder carried out a survey on the cost, in pence, of a milkshake in 30 restaurants. The table shows his results.

| Cost<br>( $p$ pence) | Frequency |
|----------------------|-----------|
| $80 \leq p < 90$     | 1         |
| $90 \leq p < 100$    | 3         |
| $100 \leq p < 110$   | 10        |
| $110 \leq p < 120$   | 9         |
| $120 \leq p < 130$   | 7         |

- (a) Write down the class interval which contains the median.

.....  
(1)

- (b) On the grid, draw a frequency polygon to show the information in the table.



(2) Q5

(Total 3 marks)

**TOTAL FOR SECTION B: 15 MARKS**

**TOTAL FOR PAPER: 30 MARKS**

**END**

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