

Centre No.						Paper Reference						Surname	Initial(s)	
Candidate No.						1	3	8	0	/	1	F	Signature	

Paper Reference(s)

**1380/1F**

# Edexcel GCSE

**Mathematics (Linear) – 1380**

**Paper 1 (Non-Calculator)**

# Foundation Tier

**Monday 18 May 2009 – Afternoon**

**Time: 1 hour 30 minutes**



Examiner's use only

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Team Leader's use only

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**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.

**You must NOT write on the formulae page.**

**Anything you write on the formulae page will gain NO credit.**

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 30 questions in this question paper. The total mark for this paper is 100.

There are 24 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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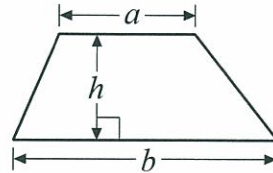
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GCSE Mathematics (Linear) 1380

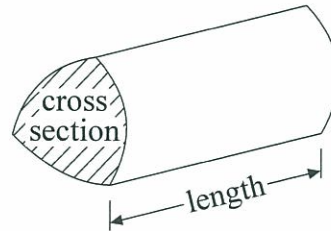
Formulae: Foundation Tier

**You must not write on this formulae page.  
Anything you write on this formulae page will gain NO credit.**

**Area of trapezium** =  $\frac{1}{2}(a + b)h$



**Volume of prism** = area of cross section  $\times$  length



**Answer ALL THIRTY questions.**

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

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

**You must NOT use a calculator.**

1. The pictogram shows the numbers of hours of sunshine in London on Monday, Tuesday and Wednesday of one week.

Monday	○ ○ ○ ○
Tuesday	○ ◐
Wednesday	○ ○
Thursday	○ ○ ○
Friday	○ ○ ◐

Key: ○  
represents 2 hours

- (a) Work out the number of hours of sunshine on Monday.

8  
.....  
(1)

- (b) Work out the number of hours of sunshine on Tuesday.

3  
.....  
(1)

There were 6 hours of sunshine on Thursday.  
There were 5 hours of sunshine on Friday.

- (c) Use this information to complete the pictogram.

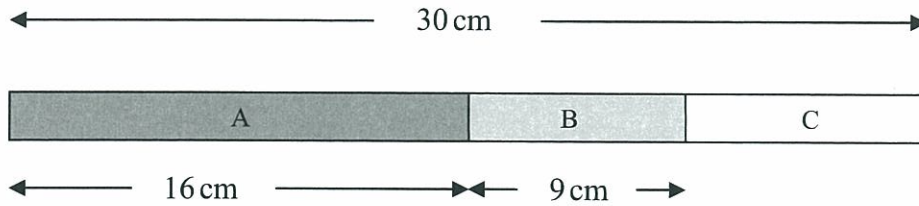
(2) **Q1**

**(Total 4 marks)**



2.

Diagram NOT accurately drawn



Here is a picture of a stick.  
The stick is in three parts, A, B and C.

The total length of the stick is 30 cm.  
The length of part A is 16 cm.  
The length of part B is 9 cm.

Work out the length of part C.

$$30 - (16 + 9) = 30 - 25 = 5 \text{ cm}$$

..... 5 ..... cm

Q2

(Total 2 marks)

3. (a) Work out 50% of £60

$$\frac{50}{100} \times 60 = \frac{1}{2} \times 60 = \frac{60}{2}$$

$$= \pounds 30$$

£ ..... 30 ..... (1)

(b) Work out 25% of 20 metres.

$$\frac{25}{100} \times 20 = \frac{1}{4} \times 20 = \frac{20}{4} = 5 \text{ m}$$

..... 5 ..... metres (1)

Q3

(Total 2 marks)

