Centre No.						Paper Reference							Surname	Initial(s)
Candidate No.						5	5	1	1	/	11	A	Signature	

Paper Reference(s)

5511/11A

Examiner's use only

Team Leader's use only

Edexcel GCSE

Mathematics B – 1388

Paper 11 – Section A (Non-Calculator)

Foundation Tier

Section	Leave Blank
A	
B	

Module Test 2

Thursday 8 March 2007 – Afternoon

Time for Section A: 25 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.
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)**.
This section has 8 questions. The total mark for this section is 19. The total mark for this paper is 38.
There are 8 pages in this question paper. Any blank pages are indicated.
Calculators may be used for Section B only.

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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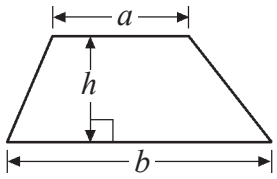
GCSE Mathematics 1387/8

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 = $\frac{1}{2}(a+b)h$



N 2 5 8 8 6 A 0 2 0 8

Leave blank

SECTION A

Answer ALL EIGHT questions.

Write your answers in the spaces provided.

You must write down all stages in your working.

You must NOT use a calculator for this section.

1. Here is a list of numbers.

18 20 25 27 29 30 35

Write down a number from the list that is

(a) a square number,

.....
(1)

(b) a cube number.

.....
(1)

Q1

(Total 2 marks)

2. (a) Write 0.57 as a percentage.

..... %
(1)

(b) Write $\frac{7}{10}$ as a percentage.

..... %
(1)

Q2

(Total 2 marks)

3. (a) Write down the value of 10^3

.....
(1)

(b) Write down the value of $\sqrt{49}$

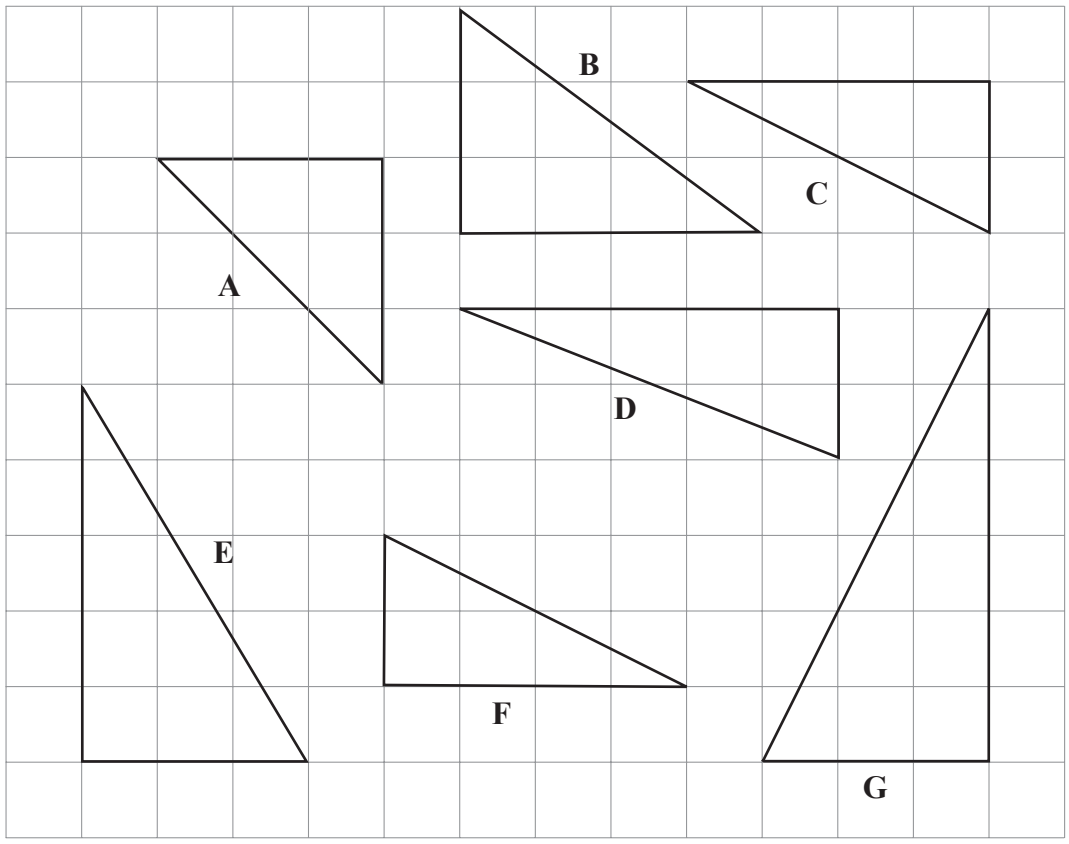
.....
(1)

Q3

(Total 2 marks)

Leave blank

4. Here are 7 triangles on a grid.



(a) Write down the letter of the triangle that is isosceles.

.....

(1)

Two of the triangles are congruent.

(b) Write down the letters of these triangles.

..... and .....

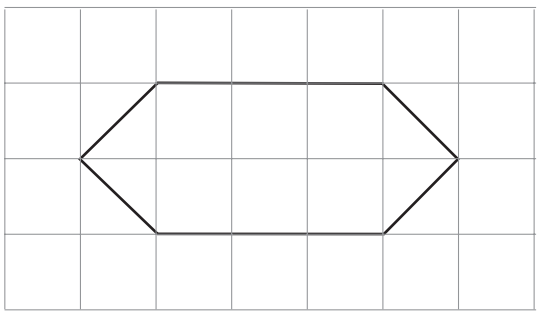
(1) **Q4**

(Total 2 marks)

N 2 5 8 8 6 A 0 4 0 8

Leave blank

5. A 6-sided polygon is shown on a grid of centimetre squares.



(a) Write down the special name for a 6-sided polygon.

.....

(1)

(b) Work out the area of the polygon.

..... cm^2

(2)

(Total 3 marks)

Q5

6. (a) Solve $7x = 21$

$x =$ .....

(1)

(b) Solve $y + 5 = 16$

$y =$ .....

(1)

(Total 2 marks)

Q6

Leave blank

7. A box contains 20 pens.

8 of the pens are black.
5 of the pens are red.
The rest of the pens are blue.

Michaela takes at random a pen from the box.

Write down the probability that she takes a pen that is

(a) black,

.....
(1)

(b) green,

.....
(1)

(c) blue.

.....
(2)

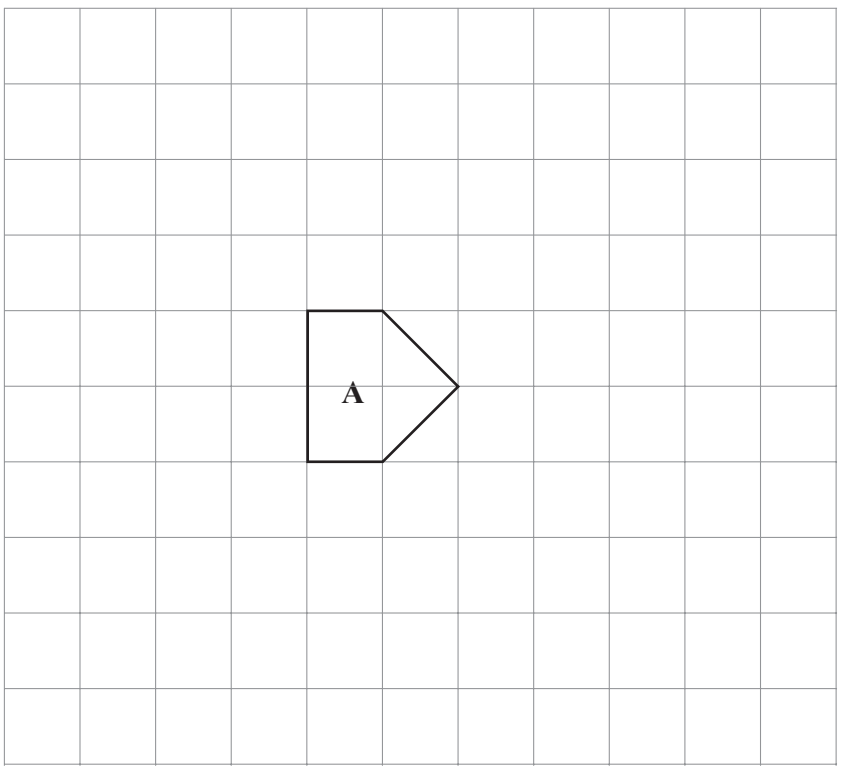
Q7

(Total 4 marks)

N 2 5 8 8 6 A 0 6 0 8

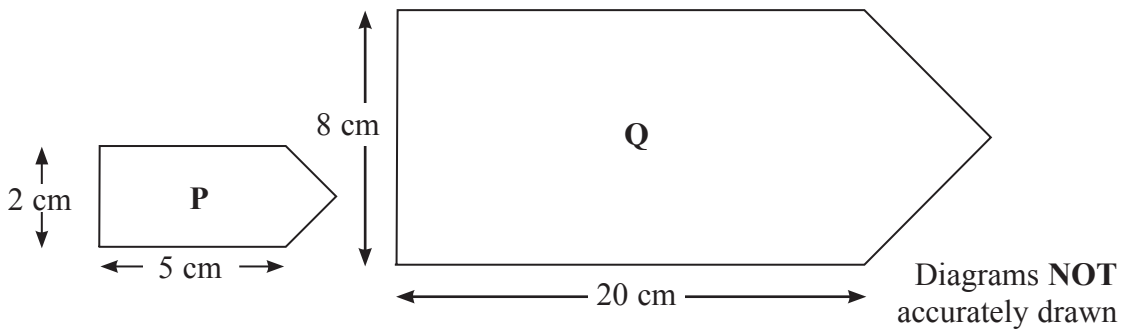
Leave blank

8.



(a) Translate shape A, 2 squares to the left and 3 squares down.

(1)



Shape **Q** is an enlargement of shape **P**.

(b) Find the scale factor of this enlargement.

.....

(1)

Q8

(Total 2 marks)

TOTAL FOR SECTION A: 19 MARKS

END

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