

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

Paper Reference(s)

**5511/11A**

**Edexcel GCSE**

**Mathematics B – 1388**

Paper 11 – Section A (Non-Calculator)

**Foundation Tier**

Module Test 2

Tuesday 7 November 2006 – Afternoon

Time for Section A: 25 minutes

Examiner's use only

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Team Leader's use only

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Section	Leave Blank
A	
B	



**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 7 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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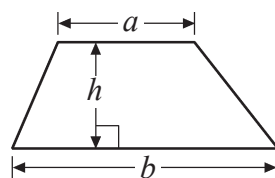
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**GCSE Mathematics 1387/8**

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



SECTION A

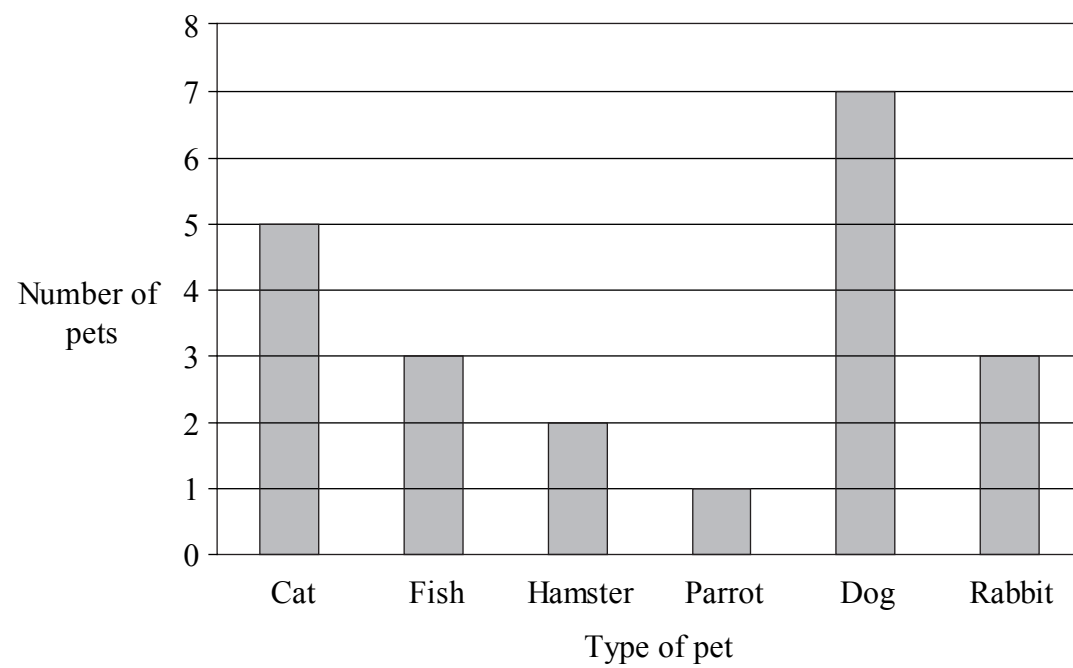
Answer ALL SEVEN questions.

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. A vet recorded the numbers and types of pets he saw one day.  
The bar chart shows this information.



- (a) Write down the number of cats the vet saw.

.....  
(1)

- (b) Which type of pet did the vet see **most** often?

.....  
(1)

- (c) Work out the total number of pets the vet saw.

.....  
(2)

(Total 4 marks)

Q1



<p>2. (a) Write 0.07 as a percentage.</p> <p style="text-align: right;">..... % <b>(1)</b></p> <p>(b) Write <math>\frac{3}{4}</math> as a percentage.</p> <p style="text-align: right;">..... % <b>(1)</b></p> <p>(c) Write 57% as a fraction.</p> <p style="text-align: right;">..... <b>(1)</b></p> <p style="text-align: right;"><b>(Total 3 marks)</b></p>	<p>Leave blank</p> <p style="text-align: center;"><b>Q2</b></p> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
<p>3. Work out <math>2^3 \times 10^2</math></p> <p style="text-align: right;">.....</p> <p style="text-align: right;"><b>(Total 2 marks)</b></p>	<p style="text-align: center;"><b>Q3</b></p> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
<p>4. Josie has 25 lessons each week. 5 of these lessons are science lessons.</p> <p>Write 5 as a fraction of 25 Give your fraction in its simplest form.</p> <p style="text-align: right;">.....</p> <p style="text-align: right;"><b>(Total 2 marks)</b></p>	<p style="text-align: center;"><b>Q4</b></p> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>



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5. A bag contains

3 green counters,  
2 black counters,  
5 blue counters,  
1 yellow counter and  
2 red counters.

Sarah is going to take a counter, at random, from the bag.

(a) Write down the colour of the counter that Sarah is **least** likely to take.

.....  
(1)

(b) Work out the probability that Sarah will take a blue counter.

.....  
(2)

(Total 3 marks)

Q5

6. The diagram shows a regular hexagon.

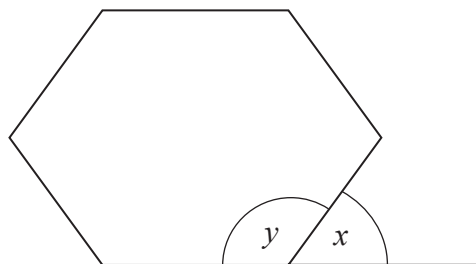


Diagram **NOT** accurately drawn

(a) Work out the size of angle  $x$ .

.....<sup>o</sup>  
(2)

(b) Work out the size of angle  $y$ .

.....<sup>o</sup>  
(1)

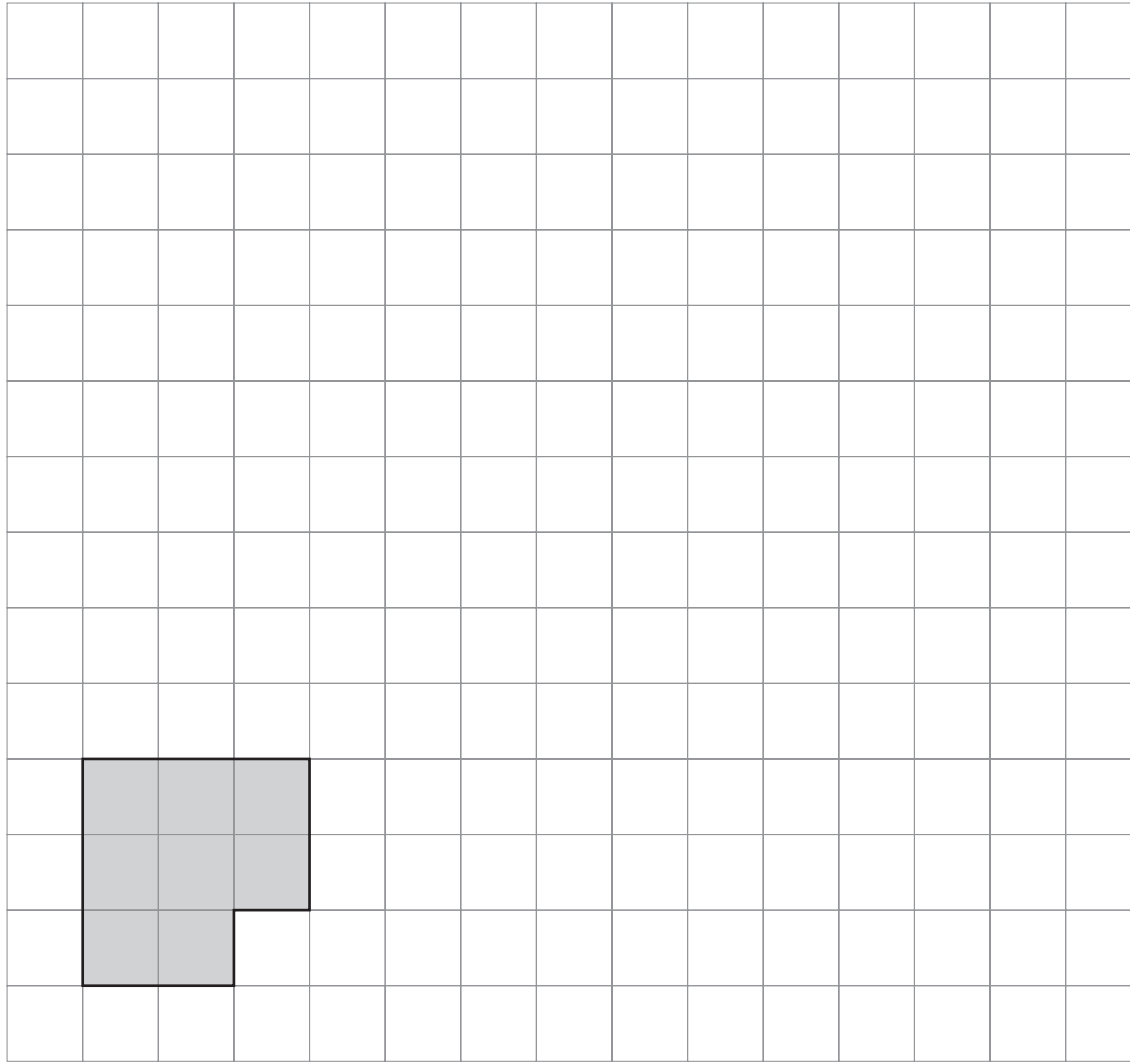
(Total 3 marks)

Q6



Leave blank

7.



On the grid, enlarge the shaded shape by a scale factor of 3.

(Total 2 marks)

Q7

**TOTAL FOR SECTION A: 19 MARKS**

**END**



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