



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
Cambridge International Primary Achievement Test

CANDIDATE  
NAME

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CENTRE  
NUMBER

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CANDIDATE  
NUMBER

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\* 9 5 8 4 5 9 1 6 6 2 \*

**MATHEMATICS**

**0842/01**

Paper 1

**October/November 2008**

**45 minutes**

Candidates answer on the Question Paper.

Additional Materials:

Pen

Protractor

Pencil

Ruler

**READ THESE INSTRUCTIONS FIRST**

Write your Centre number, candidate number and name in the spaces at the top of this page.

Write in dark blue or black pen.

DO NOT WRITE IN ANY BARCODES.

Answer **all** questions.

Calculators are **not** allowed.

The number of marks is given in brackets [ ] at the end of each question or part question.

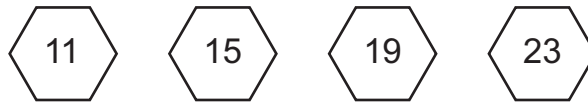
You should show all your working in the booklet.

For Examiner's Use	
Page	Mark
1	
2	
3	
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5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
<b>Total</b>	

This document consists of **15** printed pages and **1** blank page.



1 Look at this number sequence.



Explain the rule for the sequence.

..... [1]

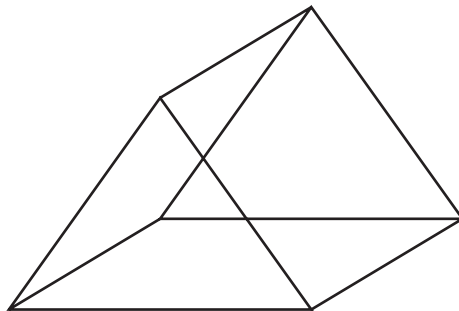
2 Write **two** numbers to make the calculation correct.

$$\triangle + 3 + 5 = \square$$

[1]

3 Look at the drawing of the triangular prism.

How many rectangular faces does it have?

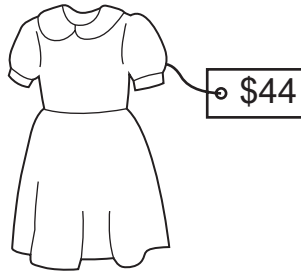


..... [1]

Page Total

4 Aleesha has \$100.

She buys a dress for \$44.



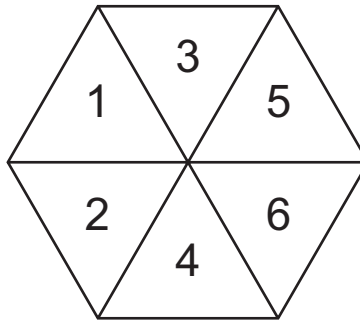
How much money does she have left?

\$ .....

[1]

5 Jon has a spinner with 6 numbers.

He records how many times the spinner lands on each number.



Number on the spinner	1	2	3	4	5	6
How many times	11	7	8	10	5	9

Which number did the spinner land on the least number of times?

..... [1]

Page Total

6 Look at this calculation.

$$3 \times 27 = 81$$

(a) A man shares \$81 equally between his 3 grandchildren.

How much money does each grandchild get?

\$ ..... [1]

(b) A school spends \$81 on seats for the playground.  
Each seat costs \$27.

How many seats does the school buy?

.....seats [1]

7 On November 4th, Melanie makes plans for a party.

M	T	W	T	F	S	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

She wants the party to happen 17 days later.

On which **day** of the week will the party take place?

..... [1]

Page Total

- 8 Karin has 100 grams of sweets.



She gives  $\frac{1}{4}$  of the sweets to her friend Kelly.

How many grams of sweets does Kelly get?

..... g [1]

- 9 Dalila is learning her 4 times table.  
She has some wrong answers.

Write the correct answers for Dalila.

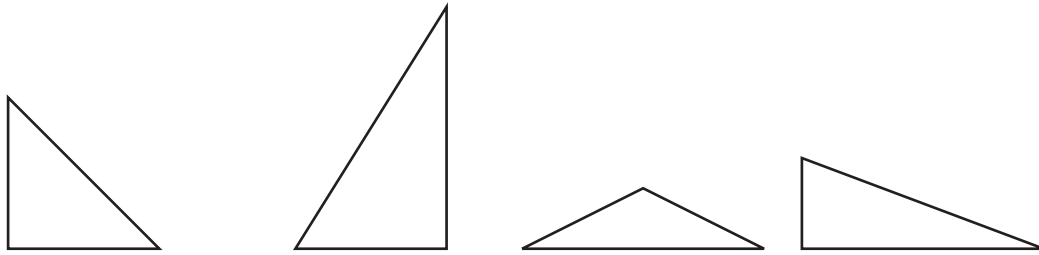
1	X	4	=	4
2	X	4	=	8
3	X	4	=	12
4	X	4	=	16
5	X	4	=	20
6	X	4	=	24
7	X	4	=	27
8	X	4	=	32
9	X	4	=	35
10	X	4	=	40

[1]

Page Total

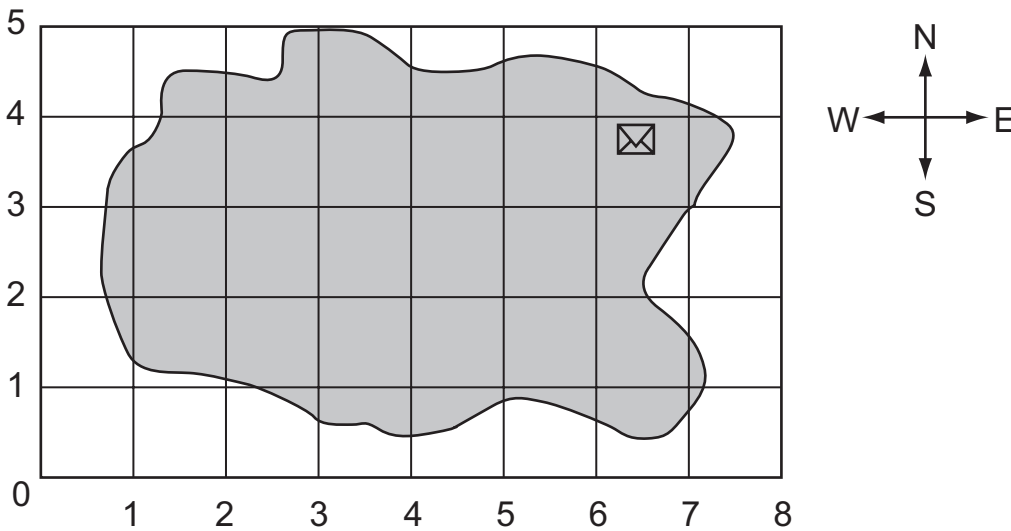
10 Look at the triangles below.

Tick (✓) the isosceles triangles.



[1]

11 Here is a map:



(a) An envelope containing a clue is hidden on the island.

Use compass directions to complete this sentence.

The envelope is in the ..... of the island.

[1]

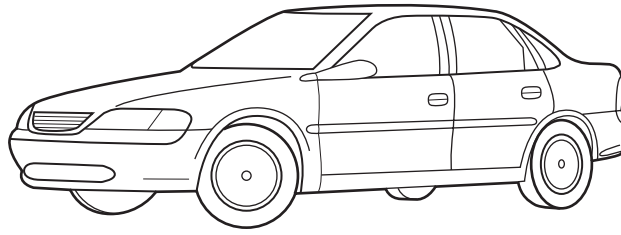
(b) \$1 million of diamonds is hidden in a cave at point (4, 3).

Mark the point to show the location of the diamonds.

[1]

Page Total

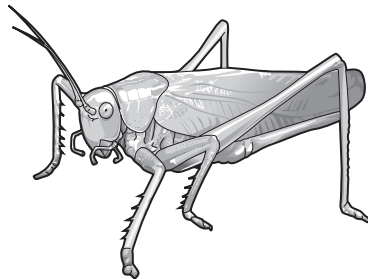
12 The length of a car is measured as 395 cm.



Give the length of the car using units other than centimetres.

..... [1]

13 A grasshopper has 6 legs.



How many legs do 5 grasshoppers have?

..... legs [1]

Page Total

- 14 Chaminder likes fishing.  
He buys some fishing tackle.  
He buys 4 floats, 10 hooks and 1 reel.

Fishing Shop		
Hooks	\$0.37 each	
Floats	\$1.80 each	
Reel	\$15.50	

How much change does he get from \$50?

You **must** show your working.

..... [3]



Page Total





15 Alfredo counted vehicles outside his school. He recorded the totals on a tally chart.

Car						
Bicycle						
Bus						
Lorry						
Scooter						

(a) How many more cars were there than buses?  
Give your answer as a number.

..... [1]

(b) Alfredo also counted 17 scooters. Record this total on the tally chart.

[1]

16 (a) Order these numbers from high to low. The first two have been done for you.

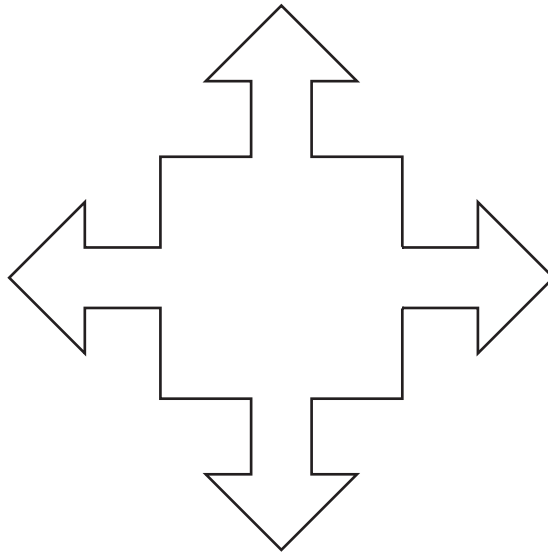
25456      23546      24645      25746      23690

25746
25456
.....
.....
.....
[1]

(b) Write a correct number in the box.

25234 <  < 25245 [1]

17 Draw all the lines of symmetry in this shape.



[1]

18 Serina's baby sister weighed 18 kg when she was 3 years old.

Since then her weight has increased by 5%.

What is her weight now?

You **must** show your working.

..... kg [2]

Page Total



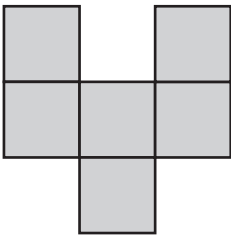
21 Calculate  $68.5 \div 5$ .

You **must** show your working.

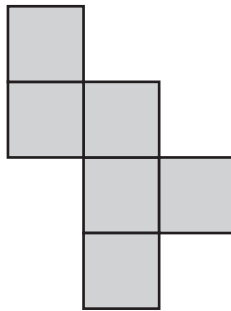
..... [2]

22 Naadiya draws 3 nets for a cube.

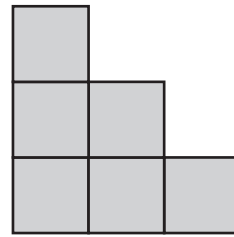
Net A



Net B



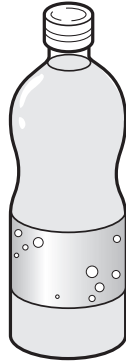
Net C



Which net folds into a cube?

..... [1]

23 (a) Hendrik buys a bottle of lemonade.  
The bottle holds 2 litres of lemonade.



Estimate how much the bottle weighs.  
Tick (✓) the correct answer.

10g

50g

2kg

10kg

[1]

(b) How long is this line?  
Give your answer in mm.



..... mm [1]

Page Total

24 Sam says, 'If I toss a coin it is equally likely to land on one side as the other.'

Tick (✓) **two** other equally likely events.

A child will go to bed before midnight.

A 1 to 6 dice will land on an even number.

It will rain today.

Sam will choose a red sweet from a bag containing 4 red and 4 blue sweets.

[2]

25 There are 20 students in Saadia's class.

20% of the students like classical music.

65% of the students like pop music.

(a) How many students like classical music?

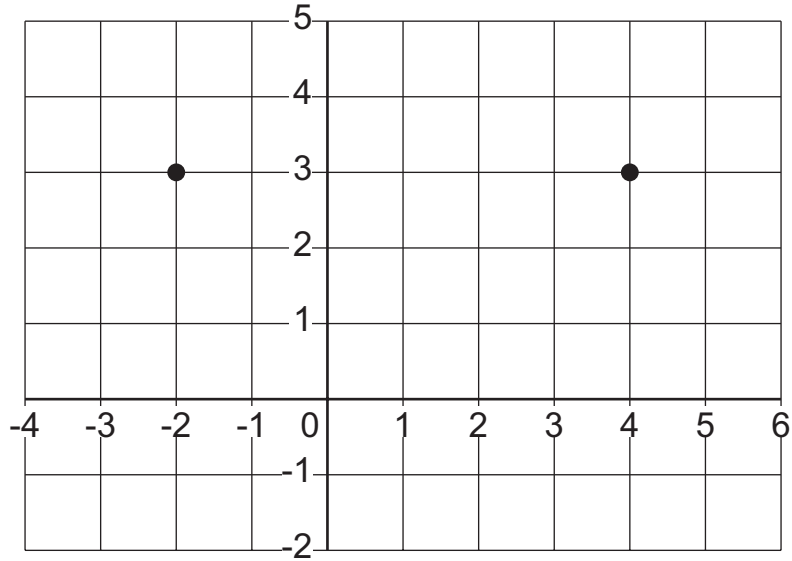
..... [1]

(b) How many students like pop music?

..... [1]

Page Total

26



- (a) The points  $(-2, 3)$ ,  $(4, 3)$  are two of the four vertices of a rectangle.  
Plot the third vertex at  $(-2, -1)$ .

[1]

- (b) What are the co-ordinates of the fourth vertex?

( ..... , ..... ) [1]

Page Total

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