



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
Cambridge International Primary Achievement Test

CANDIDATE
NAME

CENTRE
NUMBER

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CANDIDATE
NUMBER

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MATHEMATICS

0842/02

Paper 2

October/November 2008

45 minutes

Candidates answer on the Question Paper.

Additional Materials:

Pen
Pencil
Ruler

Protractor
Calculator

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.

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	
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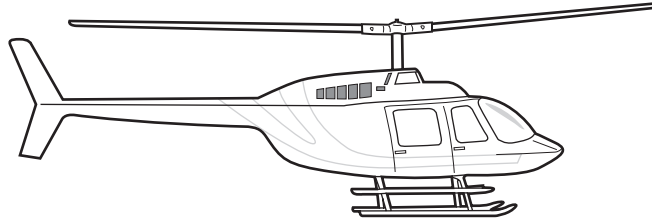
This document consists of **13** printed pages and **3** blank pages.



1 What number is 10 more than 79?

..... [1]

2 Guiseppe buys two remote control helicopters.
Each helicopter costs \$45.



How much do his helicopters cost altogether?

\$ [1]

3 Kolo goes to school five days a week.
The bus journey from home to school takes 15 minutes.

How much time does he spend each week travelling to school and home again?

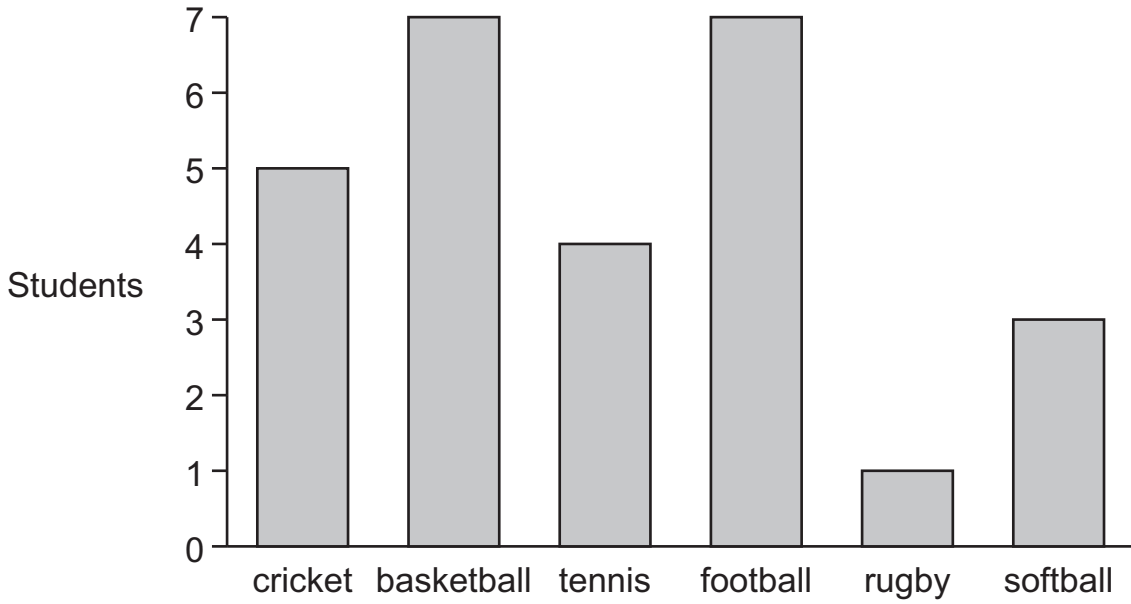
Give your answer in hours and minutes.

You **must** show your working.

..... hours minutes [2]

Page Total

4 Igor asks his class about their favourite sports. The results are shown in this bar graph.



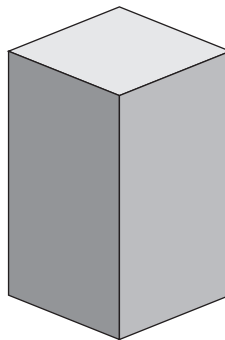
(a) How many students like basketball?

..... [1]

(b) How many more students like cricket than rugby?

..... [1]

5 Here is a drawing of a 3D shape.



What is the name of this shape?

..... [1]

Page Total

6 Nathaly measures Carlos' height.



How tall is Carlos?

..... cm [1]

7 Jesse collects information about the students in her class. She draws a Carroll diagram to show her results.

	Left-handed	Right-handed
Glasses	1	8
No glasses	4	15

(a) How many students are right-handed?

..... [1]

(b) How many students wear glasses?

..... [1]

Page Total

8 (a) What is the value of the 6 in 10.36?

..... [1]

(b) Write 0.6 as a fraction.

..... [1]

9 Syafiq buys 12 cookies.

He gives $\frac{1}{3}$ of the cookies to his mother.

He gives $\frac{1}{6}$ of the cookies to his younger brother.

(a) How many cookies does he give to his mother?

..... [1]

(b) How many cookies does he give to his younger brother?

..... [1]

10 4 oranges are needed to make a glass of freshly squeezed juice.

Alvaro has 53 oranges on his stall.

How many full glasses of juice can he make?

..... [1]

Page Total

11 Oriane's family work out how long it will take them to travel from Pisa to Rome.

Their satellite navigation tells them that the total journey will take 3 hours 53 minutes.

(a) If they leave Pisa at 8.30 am, what time should they arrive in Rome?

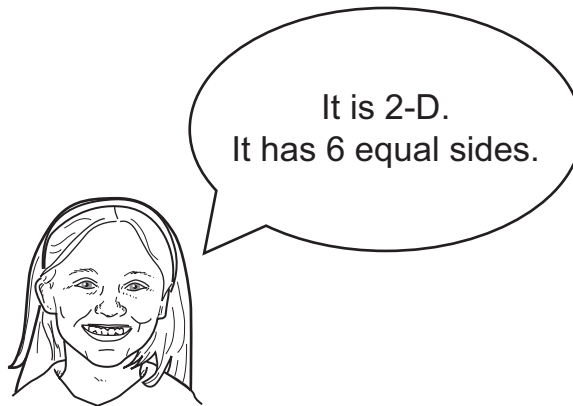
..... [1]

(b) A scenic route would take 4 hours 22 minutes.

How much more time would they take if they took this route?

..... minutes [1]

12 Maria describes a shape.



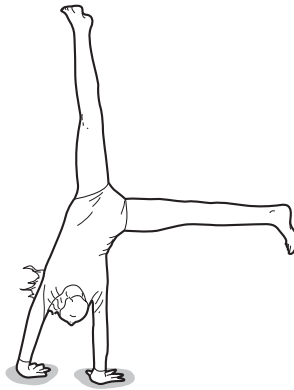
What is the shape?

..... [1]

Page Total

13 Salote is a gymnast.

She does cartwheels.



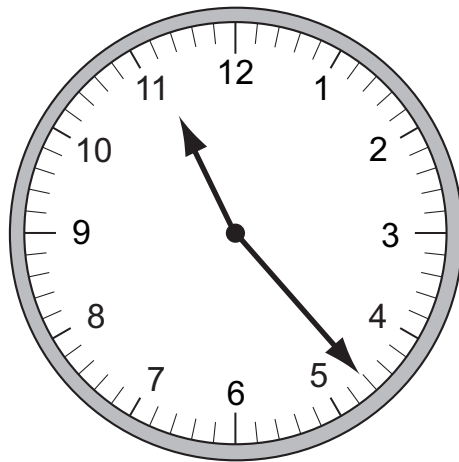
How many degrees does Salote rotate in one complete turn?

..... [1]

Page Total

[Turn over

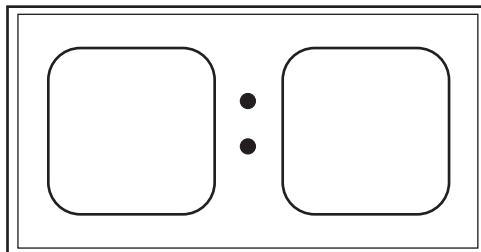
14 (a) What time is shown on this clock?



Do **not** use words in your answer.

..... [1]

(b) Enter the time of ten minutes to three on the digital clock below:

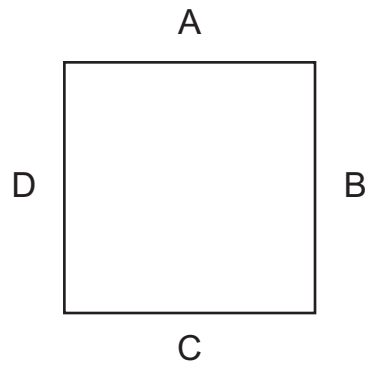


[1]

15 Find **three different** numbers which add up to 1.

+ + = 1 [1]

Page Total



(a) Which **two** lines are parallel to each other?

..... and

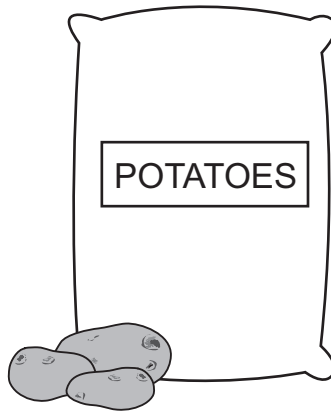
[1]

(b) Which **two** lines are perpendicular to each other?

..... and

[1]

17 (a) Circle an appropriate unit to measure the mass of a bag of potatoes.



cm

kg

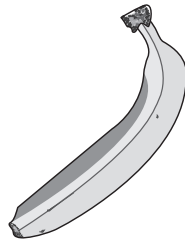
ml

g

cl

[1]

(b) Circle the approximate length of a banana.



2 mm

20 mm

200 mm

2000 mm

[1]

Page Total

18 Sanah plays basketball.

(a) Each basketball team has 5 players and 5 substitutes.

How many people are there in 4 basketball teams?

..... [1]

(b) Sanah orders shirts for her basketball team.

Shirts come in packs of 4.

Sanah needs to buy 10 shirts.

How many packs of shirts should she buy?

..... [1]

19 Joshua swims lengths at his local swimming pool.
He records his best times each morning for a week.

Day	Time (seconds)
Monday	29.83
Tuesday	27.61
Wednesday	30.42
Thursday	30.23
Friday	28.47

What is the range of his times?

..... seconds [1]

Page Total

20 (a) Write $4\frac{3}{4}$ as an improper fraction.

$$\frac{\square}{\square}$$

[1]

(b) Circle a fraction from the list that is equivalent to $\frac{5}{8}$.

$$\frac{15}{20} \quad \frac{12}{20} \quad \frac{15}{24} \quad \frac{10}{15} \quad \frac{20}{28}$$

[1]

21 Fong has \$28.

He shares it between his two sisters in the ratio 3 : 4.

How much money does each sister get?

You **must** show your working.

\$ \$ [2]

Page Total

22 Nanala and Byama are discussing.

Nanala says that $\frac{1}{2}$ is smaller than 0.5

Byama says that $\frac{1}{2}$ is the same as 0.5

Who is correct?

Explain how you know.

.....
 [2]

23 Write the name of each quadrilateral in the correct box.

trapezium

rhombus

rectangle

Four equal sides.	Four right angles.	One pair of opposite parallel sides.
----------------------------	-----------------------------	---

[2]

24 Circle **all** the prime numbers.

1 2 3 4 5 6 7
 8 9 10 11 12 13 14 15
 16 17 18 19 20

[1]

25 Put brackets to make this calculation correct.

$$5 \times 3 + 7 - 20 = 30$$

[1]

Page Total

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