

CANDIDATE
NAME

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CENTRE
NUMBER

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CANDIDATE
NUMBER

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MATHEMATICS

0845/01

Paper 1

For Examination from 2012

SPECIMEN PAPER

45 minutes

Candidates answer on the Question Paper.

Additional Materials:

Pen
Pencil
Ruler

Protractor

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.

Answer **all** the questions.

Calculators are **not** allowed.

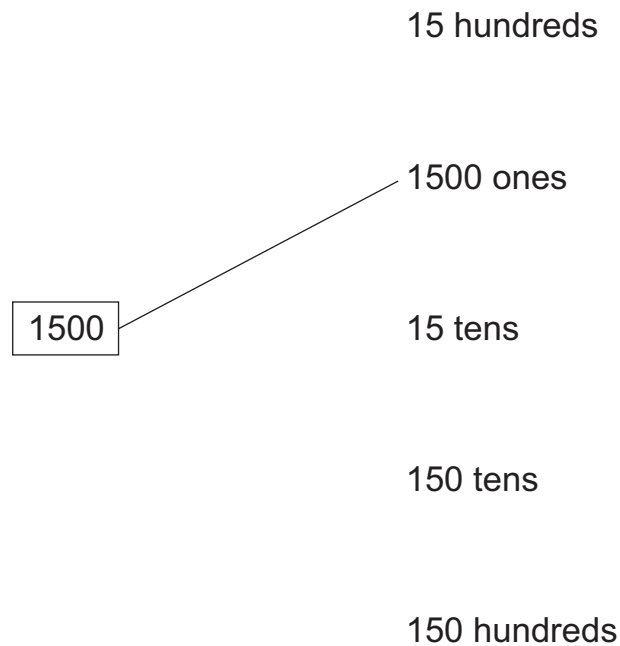
The numbers of marks is given in brackets [] at the end of each question or part question.

You should show all your working in the booklet.

For Examiner's Use	
1	
2	
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11	
12	
13	
Total	

This document consists of **13** printed pages and **1** blank page.

1 Draw two **more** lines to match 1500 to numbers with the same value.



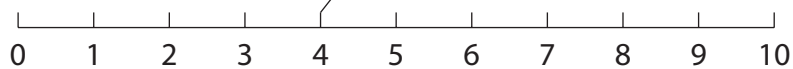
[1]

2 Write the missing numbers.

(a) → 100 more → [1]

(b) → 1000 more → [1]

3 Join each division to its answer.
One has been done for you.



[2]

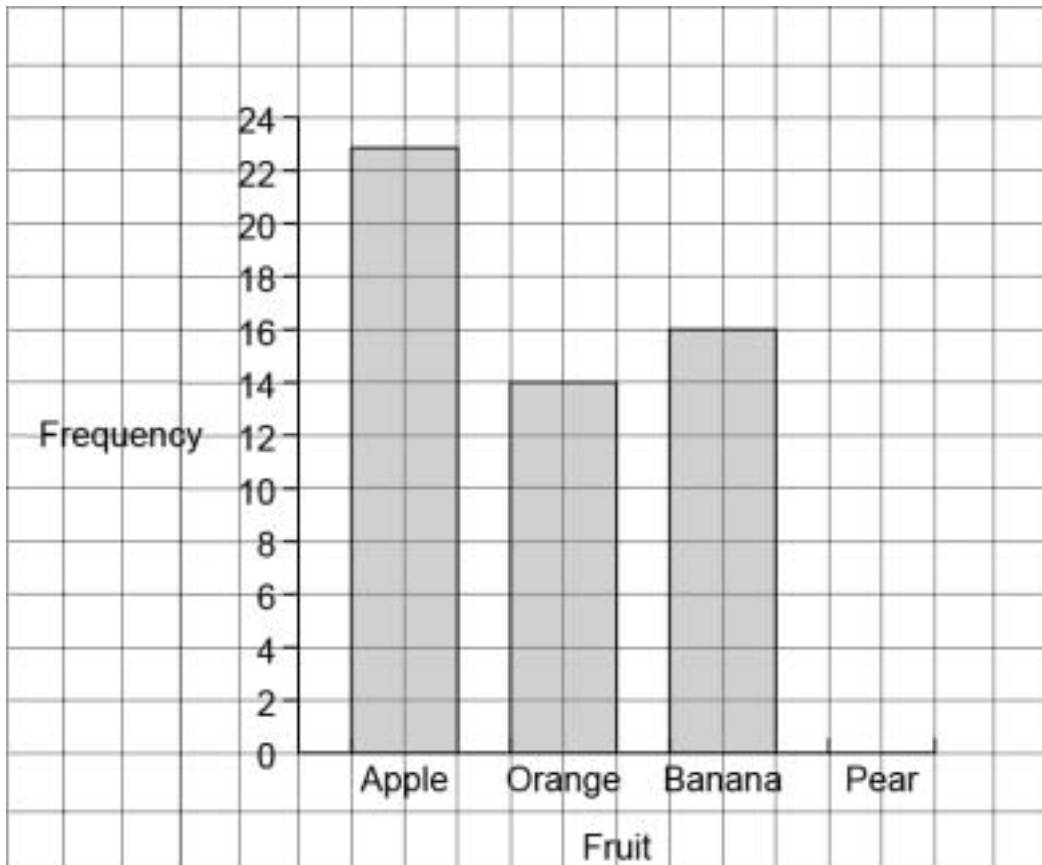
4 Mario sells fruit in a shop.

(a) He keeps a tally of his sales one day. Complete the Frequency column.

Fruit	Tally	Frequency
Apple		23
Orange		
Banana		
Pear		7

[1]

(b) Draw a bar to show the number of pears sold.



[1]

- 5 Write the missing number in the box.

$$5 \times 4 = 10 \times \boxed{}$$

[1]

- 6 Keisha has 100 grams of sweets.



She gives $\frac{1}{4}$ of the sweets to Mario.

How many grams of sweets does Mario get?

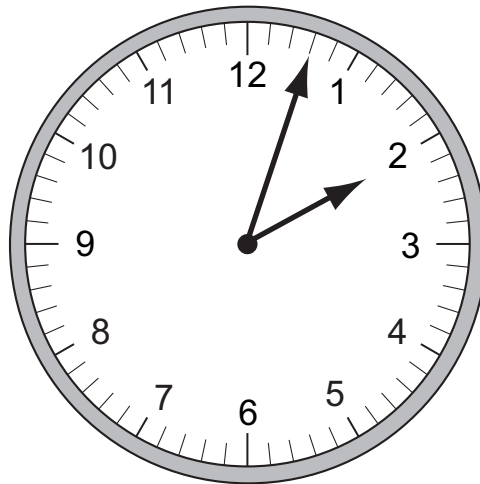
..... grams [1]

- 7 Calculate.

$$2006 - 298$$

..... [1]

8 (a) Look at this clock.



What time does this clock show?

..... [1]

(b) Look at this clock.

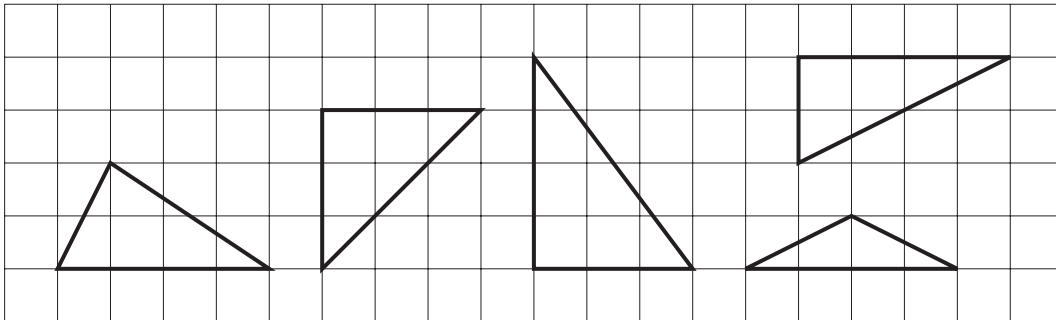


Circle the time which is the same as this digital time.

9:21 am 11:21 am 9:09 pm 9:21 pm 11:09 pm [1]

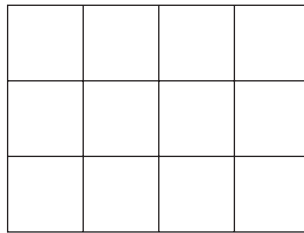
9 Here are some triangles.

Tick (✓) **all** the isosceles triangles.



[1]

10 Abdul, Mario and Keisha share a cake.
The cake is cut into 12 pieces.



Abdul eats $\frac{1}{4}$ of the cake.

Mario eats $\frac{1}{3}$ of the cake.

Keisha eats $\frac{1}{6}$ of the cake.

(a) Shade the cake to show how much Abdul eats.

[1]

(b) Who eats the smallest amount of cake?

..... [1]

(c) How many twelfths of the cake does Mario eat?

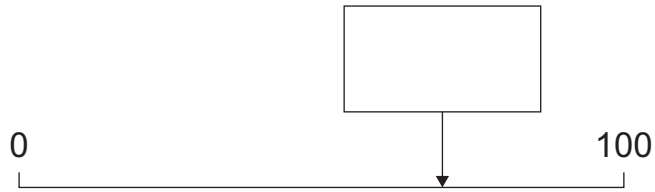


—
12

[1]

11 Here is a number line.

Estimate the number marked by the arrow.



[1]

12 (a) Add 3.71 and 6.58

..... [1]

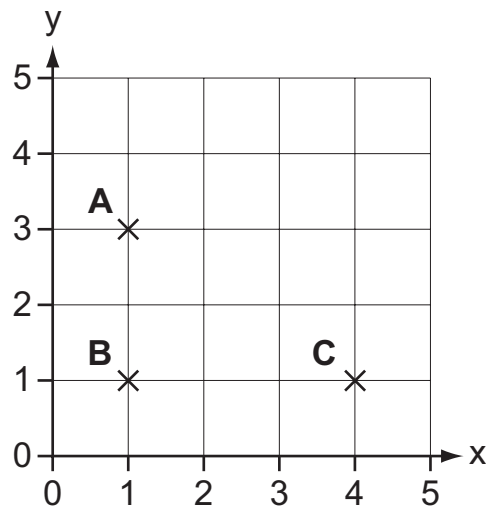
(b) Double 286

..... [1]

(c) Divide 342 by 6

..... [1]

13 Three points **A**, **B** and **C** are shown on the grid.



(a) What are the coordinates of point **A**?

(..... ,) [1]

(b) Mark with a cross point **D** so that **A**, **B**, **C** and **D** can be joined together to make a rectangle. [1]

14 Complete the multiplication grid.

×	4	<input type="text"/>	7
2	8	10	14
9	36	45	<input type="text"/>
<input type="text"/>	12	<input type="text"/>	21

[2]

15 (a) How long is this line?
Give your answer in millimetres.



..... mm [1]

(b) Mario is standing by a height scale.



How tall is Mario?

..... cm [1]

(c) Keisha walks 1.5 km to school.

How many **metres** does she walk?

..... m [1]

16 Here are three pairs of lines.



Pair 1



Pair 2



Pair 3

Complete these sentences.

Pair are perpendicular lines.

Pair are parallel lines.

[1]

17 Calculate.

(a) 3.5×7

..... [1]

(b) $14.4 \div 6$

..... [1]

18 Abdul has some number cards.

1	2	3	4	5
---	---	---	---	---

Use **two** of his cards to make a fraction equivalent to 0.8

$$\begin{array}{c} \square \\ - \\ \square \end{array}$$

[1]

19 Here are five number cards.

9	19	29	39	49
---	----	----	----	----

Choose a card to complete each of these sentences.

(a) is a multiple of 3. [1]

(b) is a square number. [1]

(c) is a prime number. [1]

(d) is a factor of 38. [1]

20 Here are some numbers.

14 0 -10 -4 4

Write them in order, starting with the smallest.

smallest

largest

[1]

21 Keisha says:

I am thinking of a 3-dimensional shape.

It has 5 faces, 8 edges and 5 vertices.

4 faces are triangles and 1 face is a square.

What shape is Keisha thinking of?

..... [1]

22 (a) Write **two different** decimals that add to make 1

$$\boxed{} + \boxed{} = 1$$

[1]

(b) Tick (✓) the two numbers that **total** 10

0.11

1.01

0.01

9.09

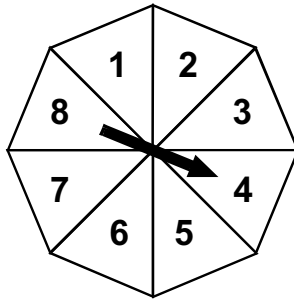
9.9

9.99

[1]

23 Abdul uses a fair **8-sided** spinner.

For
Examiner's
Use



Draw lines to show how likely these outcomes are. One has been done for you.

A number less than 10	impossible
	unlikely
The number 11	even chance
	likely
An odd number	certain

A line is drawn from the box "A number less than 10" to the box "certain".

[1]

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