

Cambridge Primary Checkpoint

CANDIDATE NAME			
CENTRE NUMBER		CANDIDATE NUMBER	
MATHEMATICS	3		0845/01
Paper 1			April 2020
			45 minutes
You must answer	on the question paper.		
You will need:	Protractor Tracing paper (optional)		

INSTRUCTIONS

- Answer **all** questions.
- Use a black or dark blue pen. You may use an HB pencil for any diagrams or graphs.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen or correction fluid.
- Do not write on any bar codes.
- You should show all your working in the booklet.
- You are **not** allowed to use a calculator.

INFORMATION

- The total mark for this paper is 40.
- The number of marks for each question or part question is shown in brackets [].

This document has **16** pages. Blank pages are indicated.

1 Here are four calculations with answers.



Tick (\checkmark) the calculation if the answer is correct. Cross (*) the calculation if the answer is incorrect.

2 Complete these calculations.

(a)
$$3 + 8 = 1 0 0$$
 [1]
(b) $5 0 + 1 = 1 0 0$ [1]

3 The chart shows the times that planes leave an airport in London.

Destination	Flight number	Flight time
Amsterdam	A438	13:40
New York	A173	14:25
Madrid	A462	15:25
Berlin	A986	16:00

Aiko is travelling from London to New York.

What time will her flight leave?

[1]



Lily has 404 marbles.

4

She loses 8 marbles.

How many marbles does she have left?

marbles [1]

5 Write the number that is half-way between 5136 and 5142



6 Here is a rectangle.



- (a) Measure each side and write the measurements on the diagram. [1]
- (b) Calculate the perimeter of the rectangle.

_____cm [1]

7 Complete the following.

Angles are mea	sured in		-
One full turn =		right angles.	

[1]

8 Pierre travels 112 km at the same speed in a car.

He uses 8 litres of petrol.

How far does he travel using 1 litre of petrol?

_____km [1]

9 Draw the lines of symmetry on these two letters.



Join each fraction and decimal to the correct position on the number line.

[1]

11 Here is a square grid.



A, B, C and D are the vertices of a kite.

A and B are shown on the grid.

C is the point (7, 4)

Write the coordinates of point *D*.

(_____, ____) [1]

12 Angelique scores 30 out of 50 in a test. Gabriella scores 50% in the same test.

Draw a ring around the name of the person who has the higher score.

	Angelique	Gabriella	
Explain how you know	<i>'</i> .		
			[1]

13 Safia measures the temperature of a cup of tea to see how quickly it cools.



Graph to show the temperature of a cup of tea

(a) By how much does the tea cool in the first 15 minutes?

°C [1]

(b) Safia measures the temperature after **30 minutes**.

The temperature is 45°C.

Plot the temperature on the graph.

[1]

14 Chen says,



Change Chen's method to calculate 32×19

You must show your working.

[2]

15 There are 30 students in a class.

$\frac{1}{5}$ like football.

How many students do **not** like football?

students [1]

16 Here are three symbols used by the Ancient Egyptians to write numbers.





(a) Which numbers do these symbols represent?



(b) Write 142 using the Ancient Egyptian symbols.

[1]

17 Write a digit in each box to complete the statements.



18 Calculate.

147.56 - 32.38

[1]

19 Four children empty their money boxes.

They record the number of each coin they have in a table.

Name of child	10c	5c	1c
Oliver	3	4	1
Yuri	10	3	1
Hassan	6	7	2
Carlos	6	1	4

(a) How much money does Oliver have?

_____ c [1]

(b) Write the name of the child who has the most coins.

......[1]

20 Draw rings around all the numbers that are divisible by 4

196 574 1144 728 1026

[1]

21 Here is a number fact.

48 × 16 = 768

Use this fact to complete the following statements.





Not drawn to scale

Mia is drawing a net of the cuboid on squared paper.

Complete her net on this grid.

23 40 multiplied by 50 gives an answer that is a multiple of 1000

 $40 \times 50 = 2000$

Write two more calculations that give an answer that is a multiple of 1000

Each number must be a multiple of 10



24 Complete this table by writing the answer to each calculation as a decimal and as a mixed number.

The first one has been done for you.

Calculation	Decimal	Mixed number
13 ÷ 2	6.5	6 <u>1</u> 2
32 ÷ 5		
23 ÷ 4		

[2]

25 Shape A is translated 1 square right and 2 squares down.

The new shape is labelled B.

Shape B is shown on the grid.

				В				

Draw shape A in the correct position on the grid.

[1]

26 Yuri has a jug of water.



He pours some water out of the jug.



How much water does he pour out of the jug?

Give your answer in litres.

litres [1]

27 Here is a Carroll diagram.

	Multiple of 8	Not a multiple of 8
Multiple of 6		
Not a multiple of 6	32	

Write these numbers in the correct box.

The first one has been done for you.

	ž	32 4	42	52	62	72	[2]
28	Put these measur	ements in	order from	n smallest	to largest.		
	125 m	ım	102 mm	10.	.4 cm	0.12 m	
	smallest					largest	
							[1]

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