Cambridge Assessment International Education

Cambridge Primary Checkpoint

CANDIDATE NAME									
CENTRE NUMBER						CANDIDATE NUMBER			

MATHEMATICS

Paper 1

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 [ ].

1 There are 12 chickens.

Every week each chicken lays 3 eggs.

What is the total number of eggs laid in 7 weeks?

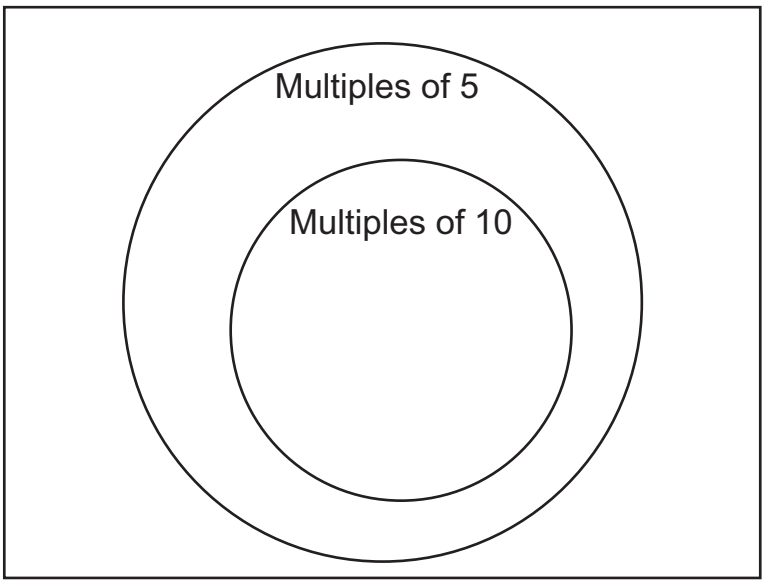
You must show your working.

..... eggs [2]

2 Here is a Venn diagram for sorting numbers.

Write each number in the correct place on the diagram.

30 35 37 40 55



[2]

3 Mia begins reading a book with 94 pages.

On day 1 she reads 27 pages.

On day 2 she reads double the number of pages as on day 1

(a) How many pages does she read on day 2?

..... pages [1]

(b) How many pages does she have left to read?

..... pages [1]

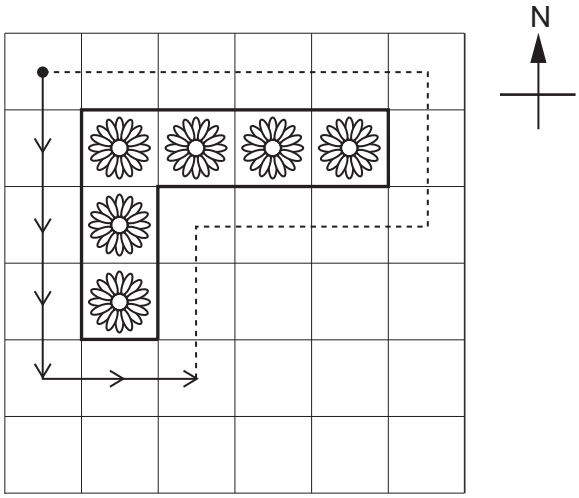
4 Tick (✓) the calculation that has the answer **closest to 300**

899 – 501 ☐ 405 – 98 ☐ 802 – 597 ☐ 496 – 204 ☐

[1]

5 Gabriella cuts a path in the grass around her flower bed.

The diagram shows her route.



Complete the instructions for her route.

4 south

2 east

.....

.....

.....

.....

[2]

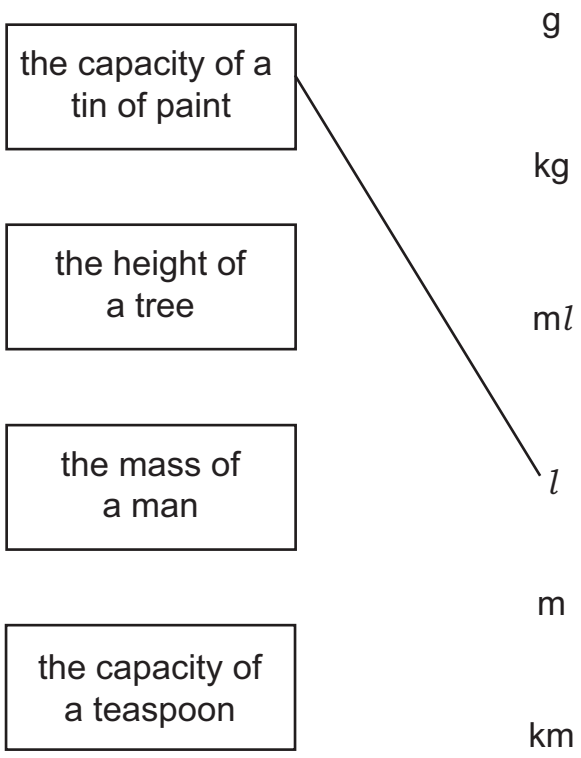
6 Calculate.

$$1 - \frac{4}{7}$$

..... [1]

7 Draw a line to join each quantity to the units used to measure it.

One has been done for you.



[1]

8 Complete the table.

One row has been done for you.

Size of angle	Name of angle
	acute
90°	right angle
more than 90° and less than 180°	

[1]

9 Here is a clock.

It shows the time school finishes in the **afternoon**.

Here are six 24-hour digital clocks.

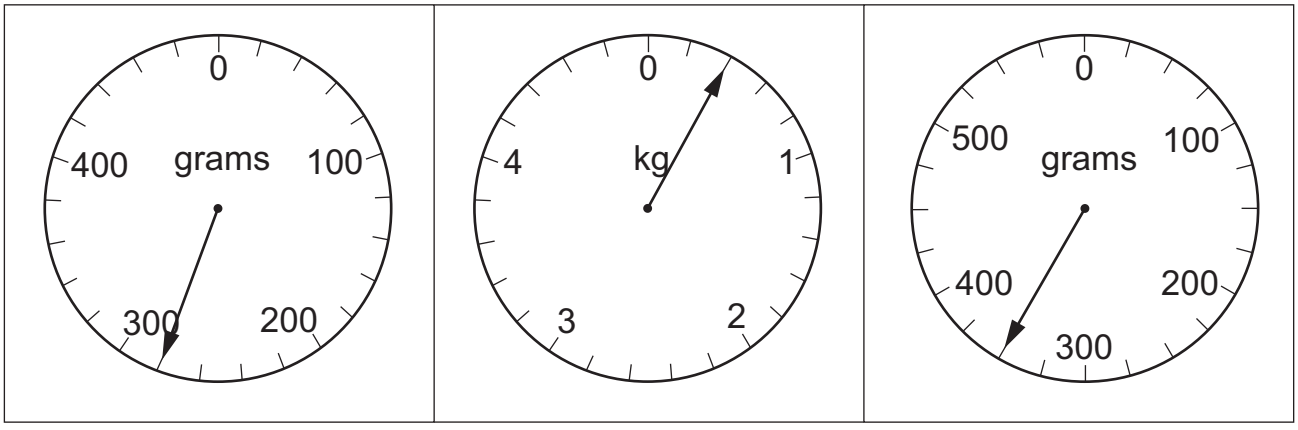
Tick (✓) the digital clock that shows the time school finishes.

03:20	03:40	04:15	13:20	15:20	16:15
☐	☐	☐	☐	☐	☐

[1]

10 Carlos grows cabbages.

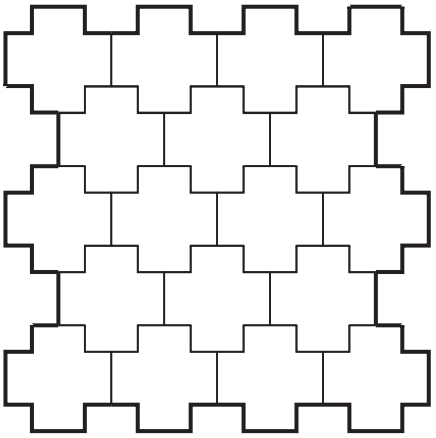
He finds the mass of three of his cabbages.



What is the mass of the heaviest cabbage?
Give your answer in grams.

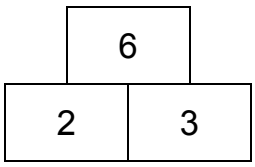
..... grams [1]

11 Shade $\frac{1}{3}$ of this shape.



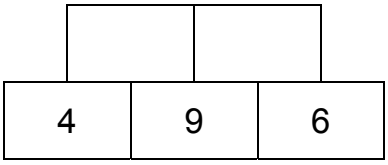
[1]

12 The top number in each pattern is the **product** of the two numbers under it.



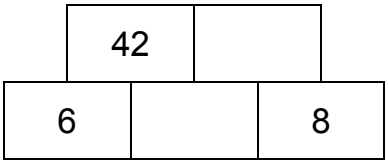
Write the missing numbers in each pattern to make it correct.

(a)



[1]

(b)



[1]

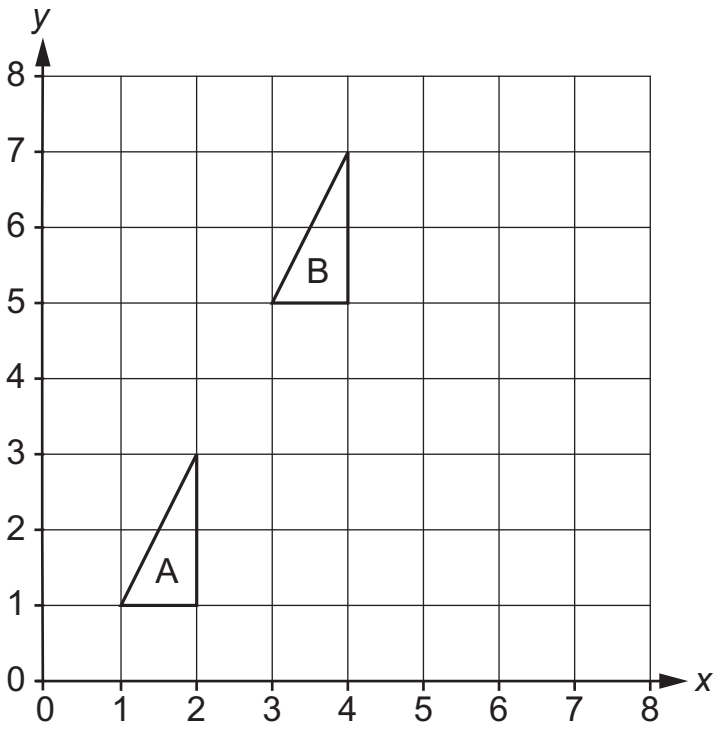
13 Complete the following.

3.4 kg = ☐ g

2.7 m = ☐ cm

[1]

14 Here are two identical triangles drawn in different positions on a grid.



Describe the translation of triangle B to the position of triangle A.

..... [1]

15 There are 24 buttons in a jar.

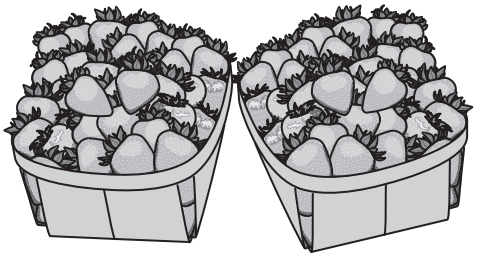
8 of the buttons are red.

The rest of the buttons are blue.

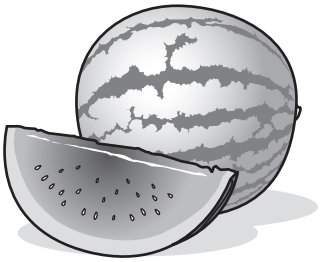
What fraction of the buttons is blue?

..... [1]

16 Oliver buys 2 boxes of strawberries and a watermelon.



strawberries $1.75 per box
2 boxes for $3.25



watermelons $3.89 each

He pays with $10

How much **change** does he get?

$ ..... [2]

17 Draw a line to match each calculation to the correct answer.

63×1000	6300
	60 300
	63 000
	6030
$6430 \div 1000$	64.3
	6.043
	64.03
	6.43

[2]

18 Here is part of a 100 square.

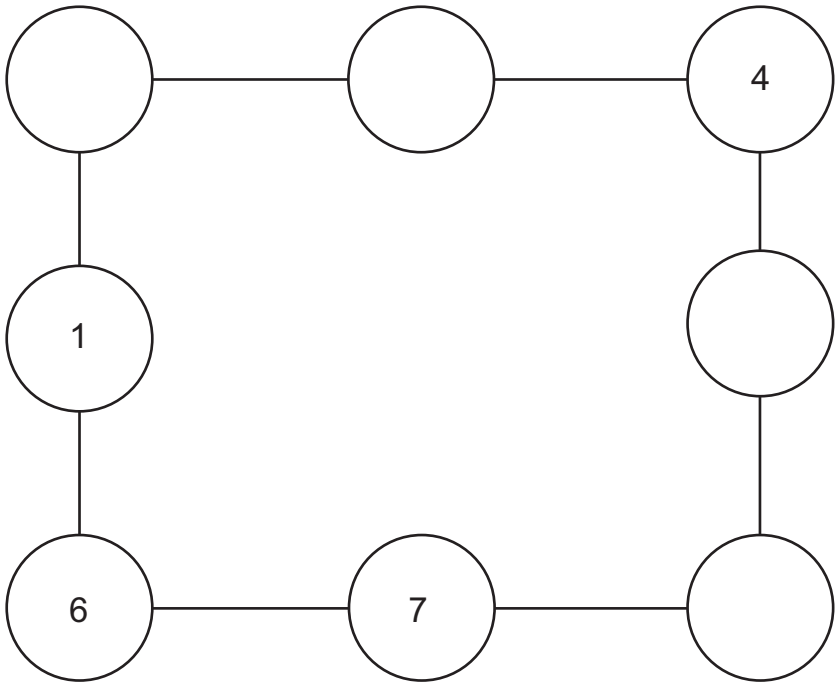
Draw a ring around the number that will have a remainder of 5 when it is divided by 6

26	27	28
36	37	38
46	47	48

[1]

19 The three numbers on **each** line add up to 15

Write the missing numbers.



[2]

20 Write down two **four-digit** numbers that are divisible by 25 but not divisible by 2

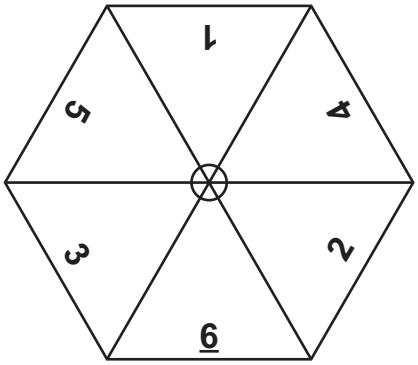
..... and ..... [1]

21 Draw a ring around the decimal that is equivalent to $\frac{137}{100}$

1.37 10.137 0.137 13.17

[1]

22 Youssef uses a regular hexagon to make a fair six-sided spinner.



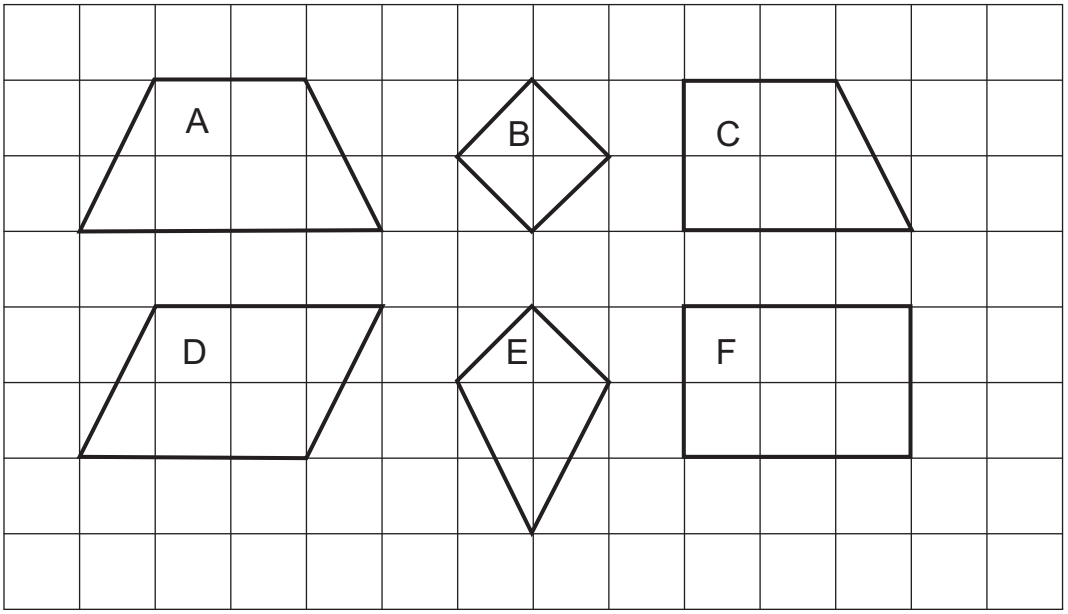
Draw lines to show how likely these outcomes are after one spin.

The first one has been done for you.

a number less than 7	certain
a number greater than two	likely
an odd number	even chance
	unlikely
	impossible

[1]

23 Here are six shapes.



(a) Write the letter of the shape that has

- 1 pair of parallel sides
- **and** 2 equal angles
- **and** 0 lines of symmetry.

..... [1]

(b) What is the mathematical name of shape D?

..... [1]

24 Draw a ring around **all** the measurements that are greater than six and a half metres.

6.57 m 6.06 m 6.25 m

6.095 m 6.99 m

[1]

25 Complete the multiplication table.

×	0.6	
	2.4	
5		1.5

[2]

26 Aiko has a set of number cards from 1 to 20

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

She chooses five **different** cards.

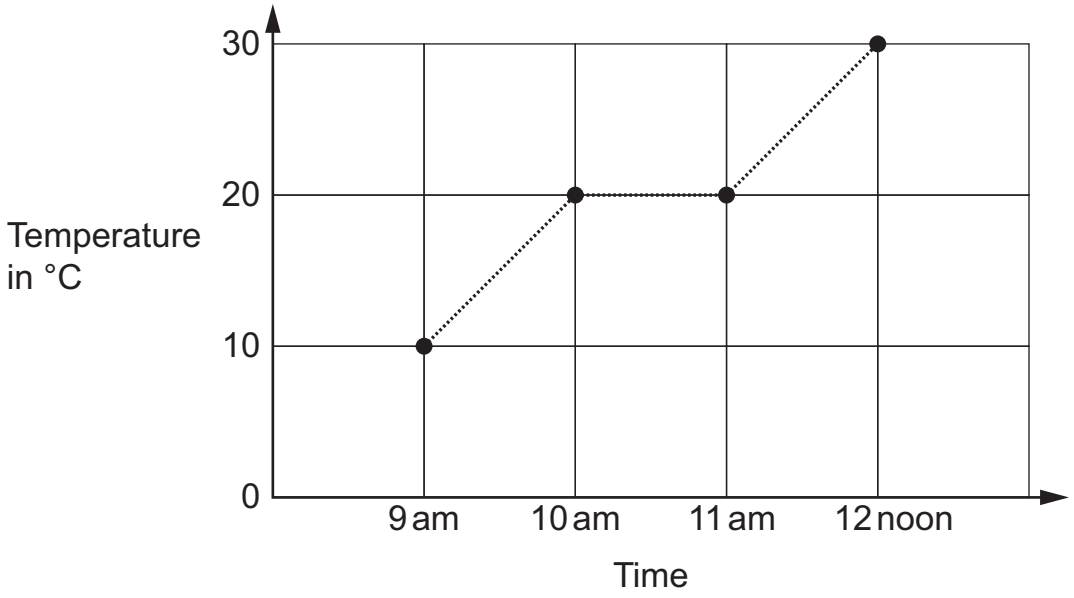
They total 36
Three of her cards are multiples of 5
Three of her cards are even numbers.

Which cards does Aiko choose?

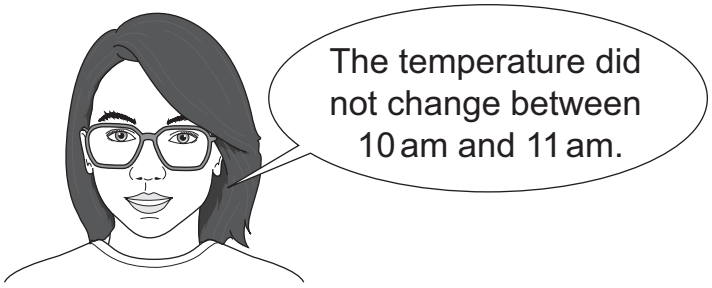
[2]

27 Lily records the temperature in her greenhouse **every hour**.

Graph to show temperature in greenhouse



Lily says,



Lily might be wrong.

Explain why.

.....

.....

..... [1]

28 Hassan records the number of hours taken by 10 children to complete a school project.

Here are his results.

5 3 3 4 5 5 6 2 4 1

(a) What is the **median** number of hours?

..... hours [1]

(b) What is the **mean** number of hours?

..... hours [1]