

ENTRY LEVEL CERTIFICATE MATHEMATICS

5930/1

Externally set assignment

Component 1 – Properties of number

Specimen 2015

Time allowed: 45 minutes

Materials

For this paper you must have:

- a pen
- a pencil
- a ruler

You may use a calculator.

20 counters should be made available for each candidate.



Instructions

- Use black ink or black ball-point pen. Draw diagrams in pencil.
- Fill in the boxes at the bottom of this page.
- Answer **all** questions.
- You must answer the questions in the space provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work that you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 30
- You are expected to use a calculator where appropriate.

Advice

- In all calculations, show clearly how you worked out your answer.

Please write clearly, in block capitals.

Centre number

Candidate number

Surname

Forename(s)

Candidate signature _____

Answer **all** questions in the spaces provided.

1 Here are some marbles.



1 (a) How many marbles are there?

[1 mark]

1 (b) Draw 5 marbles.

[1 mark]

2 Complete the table.

[2 marks]

Words	Digits
_____	7
twelve	_____

3 Look at the list of numbers.

4 7 9 0 17

3 (a) Which is the **smallest** number in the list?

[1 mark]

3 (b) Which is the **largest** number in the list?

[1 mark]

4 Fill in the missing numbers.

[2 marks]

4 (a)



4 (b)



5 Here are some books.



How many books are there?

[1 mark]

- 6 Write the numbers in order.
Start with the smallest.

[1 mark]

7 20 11 6 2

- 7 Here are some test marks.

Molly	Emily	Jacob	Nile
57	62	39	60

- 7 (a) Who scored the **most** marks?

[1 mark]

- 7 (b) Who scored the **fewest** marks?

[1 mark]

- 7 (c) Enzo also took the test.

His mark was **more than Nile's** but **less than Emily's**.

What was his mark?

[1 mark]

8 What is the value of the underlined digit?

8 (a) 57

[1 mark]

8 (b) 68

[1 mark]

9 Look at the numbers.

Circle all the **odd** numbers.

[1 mark]

7

33

64

22

45

10 Write down an **even** number between 21 and 31

[1 mark]

11 Round 64 to the nearest 10

[1 mark]

12 Here is a counting pattern.

Fill in the missing numbers.

[2 marks]

15 20 _____ 30 35 _____ 45

13

Complete the table.

[2 marks]

Words	Digits
_____	240
Six hundred and six	_____

14

Write the numbers in order.

Start with the **largest**.

[1 mark]

723

631

112

405

217

15 Amy has 372 football cards.



15 (a) Kyle has 10 fewer cards than Amy.

How many cards does he have?

[1 mark]

15 (b) Will has 100 more cards than **Amy**.

How many cards does he have?

[1 mark]

16 (a) Round 478 to the nearest 10

[1 mark]

16 (b) Round 732 to the nearest 100

[1 mark]

17 Look at the list of numbers.

522

125

37

331

250

Write down from the list

17 (a) a multiple of 5

[1 mark]

17 (b) a multiple of 50

[1 mark]

18 In 583, which is the hundreds digit?

[1 mark]

END OF QUESTIONS

There are no questions printed on this page

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ANSWER IN THE SPACES PROVIDED**