LIVEWORKSHEETS

0044/1 **BJC**

FOR EXAMINERS' USE ONLY	
TOTAL	

SCHOOL No.	CANDIDATE No.
INITIALS	SURNAME

MINISTRY OF EDUCATION
BAHAMAS JUNIOR CERTIFICATE EXAMINATION 2016

0044 MATHEMATICS

PAPER 1 (50 Marks)

Thursday **2 JUNE 2016** 9:00 A.M.–10:00 A.M.

INSTRUCTIONS TO CANDIDATES:

Write your school number, candidate number as well as your initial(s) and surname in the spaces provided on this question booklet.

Answer **ALL** questions in the spaces provided on this question booklet.

ALL working must be shown.

The use of calculators, tables or other calculation aids is **NOT** allowed.

ALL working is to be done in **blue** or **black ink**. Working and answers written in pencil, **except constructions and graphs**, may not be marked.

ALL diagrams are not drawn to scale unless otherwise indicated.

The mark for each question, or part question, is shown in brackets [ ].

This question paper consists of **8** printed pages.

LIVEWORKSHEETS

ROUGH WORK

Answer **ALL** questions in the spaces provided. Show all necessary working.

1. (a)
$$\begin{array}{r} 3178 \\ +4962 \\ \hline 2450 \\ \hline \\ \hline \end{array}$$

Answer: _____ [1]

(b)
$$\begin{array}{r} 8032 \\ -4781 \\ \hline \\ \hline \end{array}$$

Answer: _____ [1]

(c)
$$\begin{array}{r} 3117 \\ \times \quad 7 \\ \hline \\ \hline \end{array}$$

Answer: _____ [1]

(d) $5\overline{)5225}$

Answer: _____ [1]

2. Write 600 + 40 + 4 in standard form.

Answer: _____ [1]

LIVEWORKSHEETS

ROUGH WORK

3. Write **ALL** the one digit prime numbers.

Answer: _____ [2]

4. List

(a) a multiple of 3 between 21 and 25.

Answer: _____ [1]

(b) a prime number between 21 and 25.

Answer: _____ [1]

5. On a scale, 1 inch represents 600 miles. How many miles would $\frac{3}{4}$ inch represent?

Answer: _____ miles [2]

6. Simplify:

$63 \div 9 \times 7 + 2$

Answer: _____ [3]

7. Measure and write down the length of **AB**. Give the answer in inches.

A **B**

Answer: _____ inches [1]

[Turn over

LIVEWORKSHEETS

ROUGH WORK

8. Write <, > or = in the space to make each statement true.

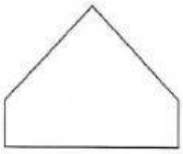
(a) 36.38 _____ 33.68 [1]

(b) 9065 _____ 9165 [1]

(c) $\frac{1}{5}$ _____ 0.20 [1]

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9. (a) Give the special name for the polygon below.



Answer: _____ [1]

(b) Draw in the line(s) of symmetry on the polygon above. [1]

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10. Lucy made 254 cupcakes for a bake sale. 8 cupcakes **fill** a box.



(a) How many boxes can Lucy **fill** with the cupcakes she baked?

Answer: _____ boxes [2]

(b) How many cupcakes are left over?

Answer: _____ cupcakes [1]

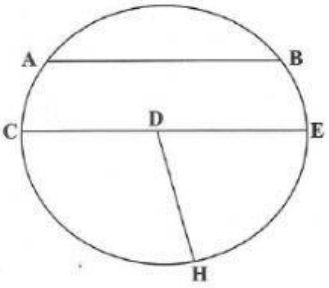
LIVEWORKSHEETS

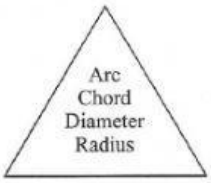
ROUGH WORK

11. Ann has $96. Brenda has $130. How much money should Brenda give to Ann so that they both have the same amount of money?

Answer: $ _____ [3]

12. A circle with centre **D** is drawn below. Use it along with the words in the triangle to name the parts of the circle in the table below.





	Part of the circle
CE	
AB	
DH	
HE	

[4]

LIVEWORKSHEETS

ROUGH WORK

13. Robert has the following coins in his pocket:



8 twenty five-cent pieces



3 ten-cent pieces



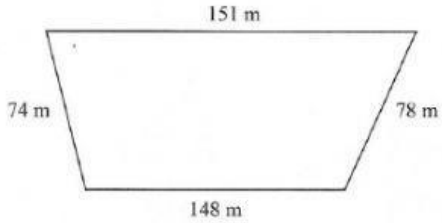
4 one-cent pieces

What is the total amount of money in Robert's pocket?

Answer: $ _____ [4]

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14. The sides of a piece of land are 74 m, 78 m, 148 m, and 151 m.



NOT TO SCALE

(a) What is the perimeter of the piece of land?

Answer: _____ m [2]

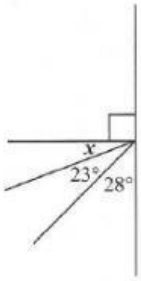
(b) Find the cost of fencing the land at $11 per metre.

Answer: $ _____ [2]

LIVEWORKSHEETS

ROUGH WORK

15. Calculate the value of the angle marked x.



NOT TO SCALE

Answer: _____ ° [2]

16. Simplify:

(a) (i) $3x + 4x - 5x$

Answer: _____ [1]

(ii) $\frac{18b^2}{9b}$

Answer: _____ [2]

LIVEWORKSHEETS

ROUGH WORK

(b) When $a = 4$ and $b = -3$, calculate the value of

$2a + b$

Answer: _____ [3]

(c) Solve for m.

$5m - 3 = 2m + 9$

Answer: _____ [4]

End]

LIVEWORKSHEETS