0044/1 **BJC**

SCHOOL No.	CANDIDATE No.
INITIALS	SURNAME

MINISTRY OF EDUCATION
BAHAMAS JUNIOR CERTIFICATE
EXAMINATION 2023

0044 MATHEMATICS

PAPER 1 (50 Marks)

Wednesday   **31 MAY 2023**   9:00 A.M.–10:00 A.M.

INSTRUCTIONS TO CANDIDATES:

Do not open this booklet until you are told to do so.

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 in 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 for 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 **7** printed pages and **1** blank page.

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1. (a)
$$\begin{array}{r} 6295 \\ 178 \\ +43 \\ \hline \end{array}$$

Answer: _____ [1]

(b)
$$\begin{array}{r} 9694 \\ -1875 \\ \hline \end{array}$$
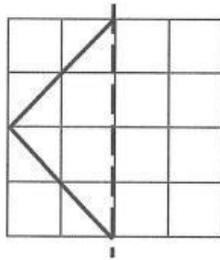
Answer: _____ [1]

2. (a)
$$\begin{array}{r} 5321 \\ \times6 \\ \hline \end{array}$$

Answer: _____ [1]

(b) $8\overline{)8912}$

Answer: _____ [1]

3. Complete the shape about the line of symmetry given.

[2]

4. Approximate **704.7534** correct to the nearest

    (a)   whole number,

        Answer: _____ [1]

    (b)   hundred,

        Answer: _____ [1]

    (c)   2 decimal places.

        Answer: _____ [1]
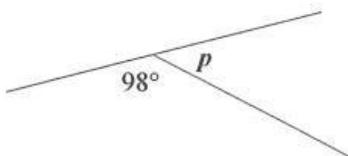
5. State the next 2 numbers in the sequence

    2, 2.5, 3, 3.5, 4, _____, _____ .   [2]

6. Calculate the value of $12 + 8 \div 4$

        Answer: _____ [2]

7. Calculate the size of the angle marked *p*.

                    NOT DRAWN TO SCALE

        Answer: _____° [2]

8. Mr. Brown arrived at the mall at 10:15 am.

   He left home at 8:50 am.

   (a) Determine how long it took him to arrive at the mall.

   Answer: _____ [2]

   (b) Express your answer from (a) in minutes.

   Answer: _____ minutes [2]

9. (a) List all the factors of 20.

   Answer: _____ [2]

   The factors of 16 are: 1, 2, 4, 8, and 16.

   (b) (i) List the common factors of 16 and 20.

   Answer: _____ [1]

   (ii) Determine the Highest Common Factor of 16 and 20.

   Answer: _____ [1]