FOR EXAMINERS' USE ONLY	
TOTAL	

SCHOOL No.	CANDIDATE No.
INITIALS	SURNAME

MINISTRY OF EDUCATION
BAHAMAS JUNIOR CERTIFICATE EXAMINATION 2019

0044 MATHEMATICS

PAPER 1 (50 Marks)

Monday **3 JUNE 2019** 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 on this question booklet.

ALL working must be shown.

The use of calculators, tables or other calculation aids in **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 draw to scale unless otherwise indicated.

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

This question paper consists of **6** printed pages and **2** blank pages.

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

1. (a)
$$\begin{array}{r} 2696 \\ +\ 722 \\ \hline 1351 \\ \hline \\ \hline \end{array}$$

Answer: _____ [1]

(b)
$$\begin{array}{r} 8657 \\ -6094 \\ \hline \\ \hline \end{array}$$

Answer: _____ [1]

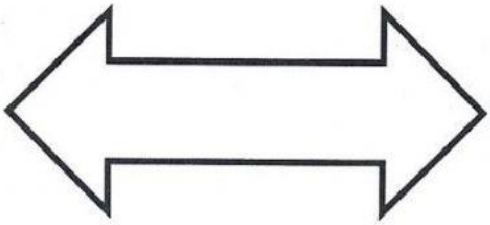
2. (a)
$$\begin{array}{r} 4397 \\ \times\ \ 7 \\ \hline \\ \hline \end{array}$$

Answer: _____ [1]

(b) $6\overline{)6936}$

Answer: _____ [1]

3. Draw in all line(s) of symmetry in the shape below. [2]



4. State the value of 9 in each number below.

(a) 0.982

Answer: _____ [1]

(b) 90.325

Answer: _____ [1]

5. A can holds 350 ml of soda.

How many millilitres (ml) are in 6 similar cans of soda?

Answer: _____ [2]

7. Place < or > in the blank to make a true statement.

(i) $\frac{1}{8}$ _____ $\frac{1}{12}$ [1]

(ii) 50% _____ $\frac{3}{4}$ [1]

(iii) 2.06 _____ $2\frac{6}{10}$ [1]

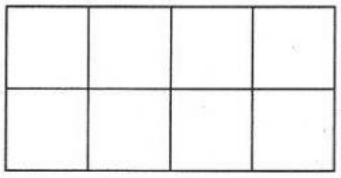
8. (a) Write 144 as a product of prime factors.

Answer: _____ [2]

(b) Find the value of $\sqrt{144}$.

Answer: _____ [1]

9. (a) Shade $\frac{3}{4}$ of the diagram below. [1]



(b) Fill in the blank to make an equivalent equation.

(i) $\frac{3}{5} = \frac{}{25}$ [1]

(ii) $\frac{6}{8} = \frac{9}{\_}$ [2]

10. Write the next two numbers in each sequence.

(a) 1, 2, 4, 7, 11, _____, _____ ... [2]

(b) 9, 16, 25, 36, _____, _____ ... [2]

11. Busters Variety Store is having a 20% storewide sale.

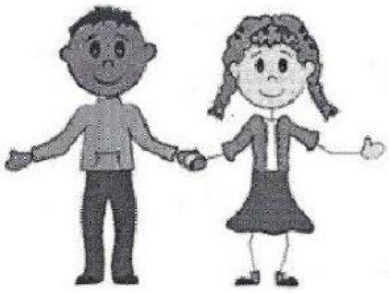
(a) Calculate the discount on a bag that is priced $80.

Answer: _____ [2]

(b) What is the sale price of the bag?

Answer: _____ [2]

12. John is 189 cm tall and Sue is 150 cm tall.



(a) How much taller is John than Sue?

Answer: _____ [2]

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

Answer: _____ [2]

13. Ben had $25. He spent $6.55 on lunch and $10 on Top Up.

(a) How much did he spend altogether?

Answer: _____ [2]

(b) How much money did he have left?

Answer: _____ [2]

14. Rainfall for the last 5 days of a certain month are shown below

Day of the Week	Amount of Rainfall
Monday	2 inches
Tuesday	1.5 inches
Wednesday	1.5 inches
Thursday	2.5 inches
Friday	3 inches

(a) Which day had 0.5 inches more rain than Wednesday?

Answer: _____ [1]

(b) What was the modal amount of rainfall?

Answer: _____ [1]

(c) What is the average rainfall for the last 5 days?

Answer: _____ [3]

15. (i) Simplify by collecting the like terms:

$6m + 2d - 4m + 3d$

Answer: _____ [2]

(ii) Given that $x = 20$, find the value of

$$\frac{x+15}{7}$$

Answer: _____ [2]

(iii) Solve for c

$3c + 8 = 20$

Answer: _____ [2]

6. (a) Draw and label angle ABC = 80°. [2]

(b) What type of angle is ABC?

Answer: _____ [1]