0044/1 **BJC**

FOR EXAMINERS' USE ONLY	
Sections	Mark
A	
B	
Total	

SCHOOL No.	CANDIDATE No.

MINISTRY OF EDUCATION
BAHAMAS JUNIOR CERTIFICATE EXAMINATION 1996

0044 MATHEMATICS

PAPER 1 (50 Marks)

Thursday **13 June 1996** 9:00 – 10:00 A.M.

INSTRUCTIONS TO CANDIDATES

Write your school number and candidate number in the spaces provided on the question booklet.

Answer ALL questions in the spaces provided on the question paper.

ALL working must be shown.

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

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

This question paper consists of 11 printed pages.

LIVEWORKSHEETS

1. (a) $\begin{array}{r} 2076 \\ +\ 729 \\ \hline \end{array}$ (b) $\begin{array}{r} 5421 \\ -\ 1373 \\ \hline \end{array}$

Answer (a) _____ [1]

Answer (b) _____ [1]

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2. (a) $\begin{array}{r} 480 \\ \times\ 4 \\ \hline \end{array}$ (b) $\begin{array}{r} 540 \\ +\ 5 \\ \hline \end{array}$

Answer (a) _____ [1]

Answer (b) _____ [1]

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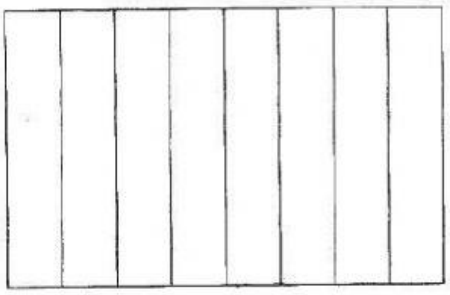
3. (a) Shade $\frac{5}{8}$ of the rectangle below.



[1]

(b) What is the missing number?

$$\frac{3}{8} = \frac{}{16}$$

Answer _____ [1]

LIVEWORKSHEETS

4. Which of the letters in the sign below has at least one line of symmetry?

Answer _____ [1]

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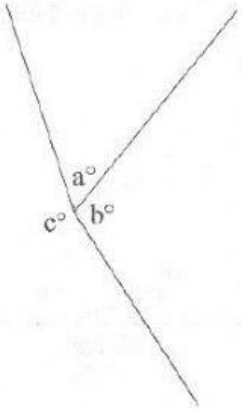
5. From the symbols $\cup$, $\in$, $\notin$, $\cap$, choose one to make the following statement true.

39 _____ {primes}.

Answer _____ [1]

6.



The total number of degrees in a + b + c is

Answer _____ ° [1]

LIVEWORKSHEETS

7. Write down the next two numbers in the following sequence.

20, 16, 12, 8, 4, _____, _____.

Answer _____ [2]

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8. Given that h = 10, calculate

$6h + 4$.

Answer _____ [2]

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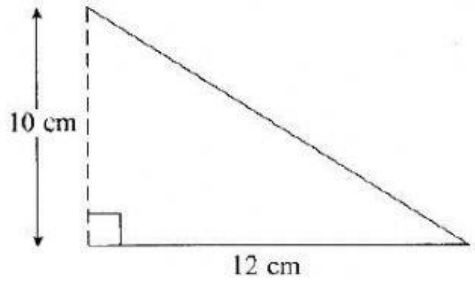
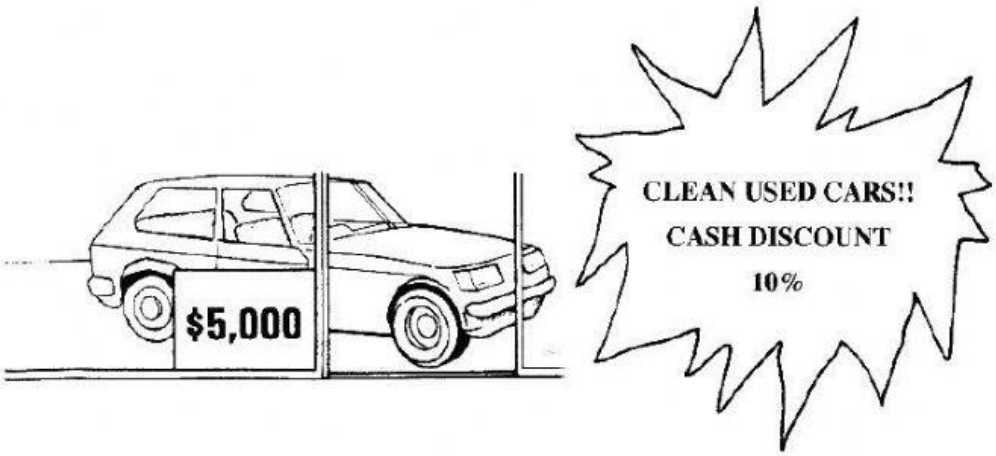
9. Use $\frac{\textbf{base} \times \textbf{height}}{\textbf{2}}$ to calculate the area of the following triangle.



Answer _____ cm^2 [2]

LIVEWORKSHEETS

12. Tom paid cash for the car below.



(a) Calculate his discount.

Answer $ _____ [2]

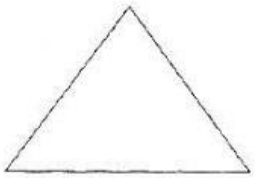
(b) How much did he pay for the car?

Answer $ _____ [1]

LIVEWORKSHEETS

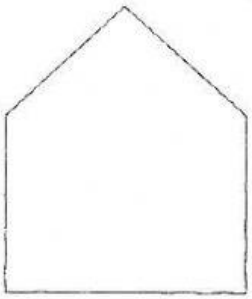
13. From the list of words given below, identify the shapes which follow.

QUADRILATERAL
PENTAGON
TRIANGLE



(a) _____ [1]

(b) _____ [1]



(c) _____ [1]

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14. Solve

(a) $\frac{d}{3} = 6$,

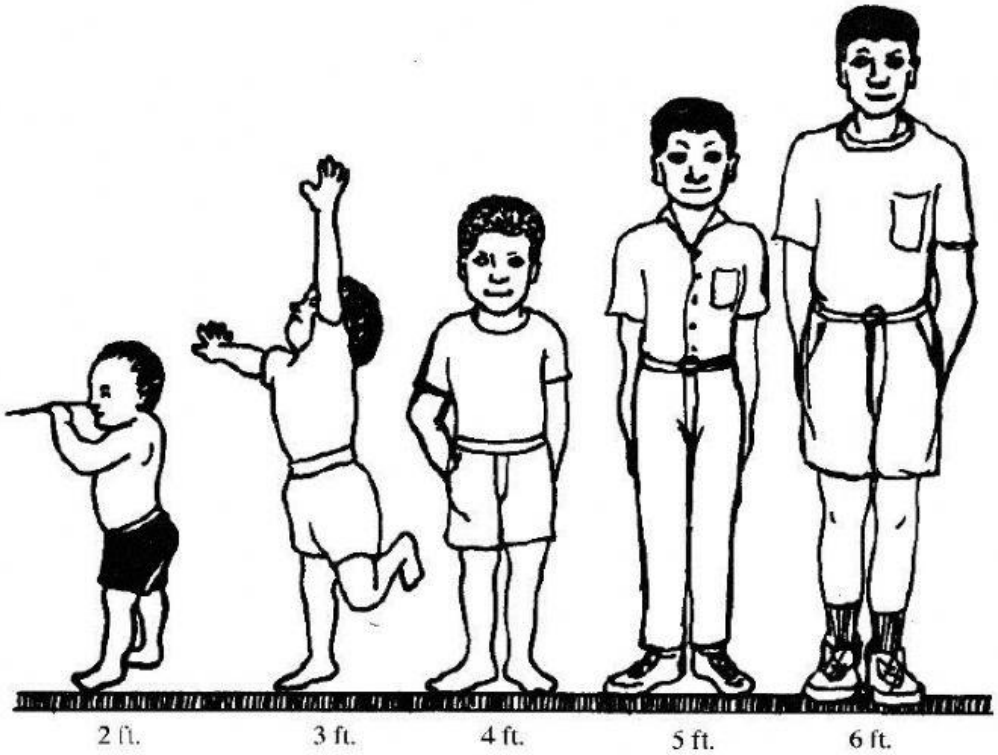
Answer _____ [1]

(b) $m + 4m = 60$.

Answer _____ [2]

LIVEWORKSHEETS

15. The heights of five boys are given below.



(a) Write down the median height.

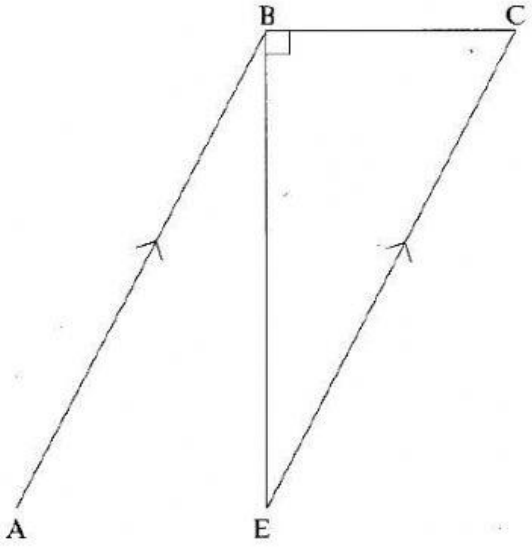
Answer _____ ft. [1]

(b) Calculate the average height.

Answer _____ ft. [2]

LIVEWORKSHEETS

16.



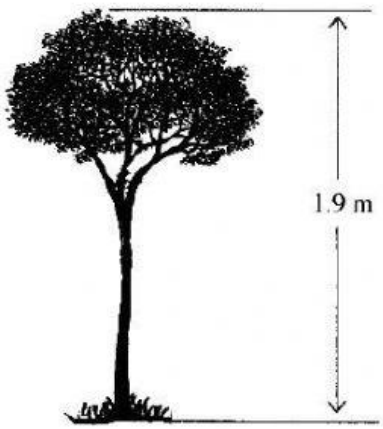
From the diagram write down

(a) a right angle, Answer _____ [1]

(b) a pair of parallel lines, Answer _____ [1]

(c) a pair of perpendicular lines. Answer _____ [1]

17.



From the diagram,

(a) write down the height of the tree as a mixed fraction.

Answer _____ m. [1]

Last year, it was 1.75m tall.

(b) How many metres taller is it in the diagram?

Answer _____ m. [2]

LIVEWORKSHEETS

18. From the set of numbers

{3, 5, 7, 9, 11, 17, 19, 21},

write down the

(a) factors of 21,

Answer _____ [2]

(b) multiples of 7.

Answer _____ [2]

19.

The rate of payment in a walkathon is \$5 per mile. Sarah walked $3\frac{1}{2}$ miles.

(a) How much should she be paid?

Answer \$ _____ [2]

Tom received \$45.00.

(b) How far did he walk?

Answer _____ miles [2]

LIVEWORKSHEETS