

**GUYANA,
MINISTRY OF EDUCATION
NATIONAL GRADE SIX ASSESSMENT
2008**

**MATHEMATICS
PAPER II**

Reading Time: 10 minutes

Writing Time: 45 minutes

READ THESE INSTRUCTIONS CAREFULLY BEFORE YOU ATTEMPT TO ANSWER THE QUESTIONS.

1. **WRITE YOUR CANDIDATE NUMBER CLEARLY ON EACH PAGE.**

2. This paper contains **SIX** questions. You are required to answer **QUESTION ONE** and **THREE** others. **EACH** question is worth **5** marks.

Be sure to answer **FULLY** the **FOUR** questions.

3. Write your answer in the space provided in the booklet.

4. Drawings and handwriting **MUST** be clear at **ALL TIMES**.

5. Each step of your work **MUST** be **CLEARLY** shown in **the** booklet.

6. If you have to erase, do so cleanly.

7. Look over your work when you have finished.

8. **DO NOT** take away **ANY** part _{of} this question paper.

DO NOT TURN OVER THIS PAGE UNTIL YOU ARE TOLD TO DO SO.

CANDIDATE NUMBER:

Question one is compulsory

1
4

(b) $4.65 - 2.27$

(c) $5\frac{1}{3} - 2\frac{1}{4} + (4.65 - 2.27)$, **expressing your answer to 2 decimal places.**

Study Figure 1, then answer Question 2.

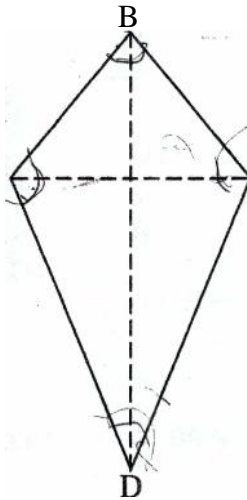


Figure 1

2. (a) What is the name given to ABCD?
- (b) What is the sum of the interior angles of ABCD?
- (c) How many lines of symmetry has ABCD?
- (d) If $AC = 10$ cm and $BD = 15$ cm, what is the area of ABCD?

Figure 2 shows a cuboid. Study it, then answer Question 3.

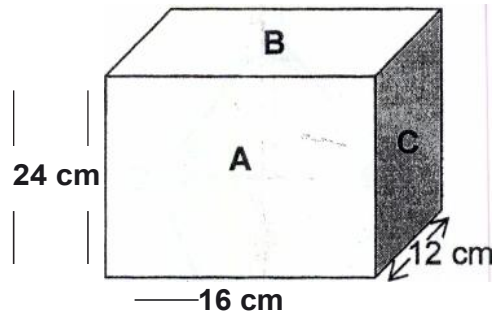
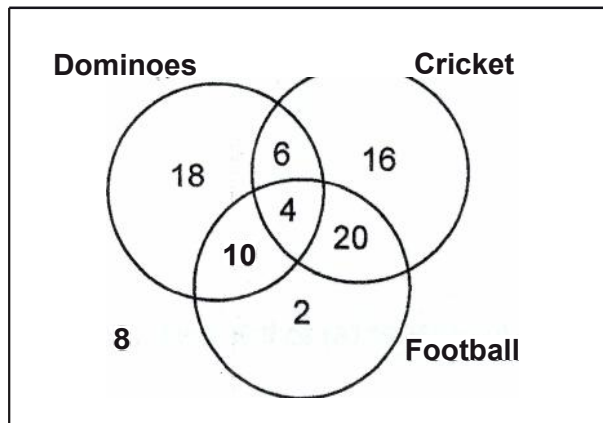


Figure 2

3. (a) Calculate the area of the surface marked A.
- (b) Calculate the area of the surface marked B.
- (c) Calculate the area of the surface marked C.
- (d) What is the total surface area of the cuboid?

The Venn diagram below shows the number of Grade 6 pupils who play Dominoes, Cricket and Football. Study the Venn diagram, then answer Question 4.



4. (a) How many pupils play all three games?
- (b) How many pupils play dominoes?
- (c) How many pupils do not play dominoes nor cricket?
- (d) How many pupils do not play any of the games?
- (e) How many pupils are in Grade 6?

CANDIDATE NUMBER:

5. A farmer planted 70 packets of lettuce and 110 packets of boulanger.

(a) What is the ratio of lettuce to boulanger?

(b) Reduce your answer at (a) to the lowest terms.

(c) Find the total number of packets planted by the farmer.

(d) Calculate, to the nearest whole number, the percentage of boulanger planted.

Table 1 shows the after school activities of pupils in a school. Study it, then answer Question 6.

Table 1

Activity	No. of Pupils
Watching Television	60
Reading	50
Sleeping	40
Playing games	150
Helping parents	100

6. (a) Which is the most popular activity?
- (b) How many pupils spent their time reading, watching television, and playing games altogether?
- (c) How many pupils were in the school?

END OF TEST

**GUYANA
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 TALLY SHEET**

CANDIDATE NUMBER.....

MATH

SS

SC

Questions

Score

1

COMPULSORY

2

3

4

5

6

Total

Table Leader's Signature: