



**GRADE 5-MATHEMATICS
NOVEMBER EXAMINATION PAPER 2**

QUESTION 1:

1.1 Draw a rhombus and indicate all properties in mathematical language. (5)

1.2 Choose the correct answer and write only the LETTER in your answer sheet.

1.2.1 Which of the following statements is/are about a kite?

- A. The longer diagonal bisects the shorter diagonal at 90°
- B. The shorter diagonal bisects the longer diagonal at 90°
- C. Diagonals bisect each other
- D. Diagonals are equal

1.2.2 An isosceles triangle has a base angle of 50° . The individual value of the vertex angle will be:

- A. 80°
- B. 50°
- C. 70°
- D. 90°

1.2.3 Acceleration is:

- A. Any horizontal or vertical change in position of an object
- B. A slower image of the original position
- C. An enlargement of the original shape
- D. A reflection of the original shape

1.2.4 What is the length of AC in the figure below:



- A. 10 cm
- B. 10 cm
- C. 10 cm
- D. 10 cm

1.2.5 A point on a shape has coordinates $(-2, 3)$, what would the new coordinates be after a $y \rightarrow -y$ reflection?

- A. $(3, -2)$
- B. $(2, 3)$
- C. $(-2, 3)$
- D. $(3, 2)$

(5)
(20)

QUESTION 2 – GEOMETRY

Use the following structure to answer this question:

Statement:	Reason:
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2.1 In the diagram below $\angle AEF = 80^\circ$ and $\angle DCF = 120^\circ$



2.1.1 Calculate the size of $\angle BAC$. Give reasons and show your calculation.

(5)

November 2013 Mathematics Paper 2 Exam Memorandum

Henry Pettus Randall



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Rethinking the SAT Rebecca Zwick, 2013-04-15 Rethinking the SAT is a unique presentation of the latest thoughts and research findings of key individuals in the world of college admissions including the president of the largest public university system in the U S as well as the presidents of the two companies that sponsor college admissions tests in the U S The contributors address not only the pros and cons of the SAT itself but the broader question of who should go to college in the twenty first century

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In an electronic era where connections and knowledge reign supreme, the enchanting power of language has are more apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**November 2013 Mathematics Paper 2 Exam Memorandum**," written by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve in to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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