LYCÉE BILLES

Bilingual Lycee of Excellent in Sciences   **Level: 7th grade**
Lycée Bilingue d'Excellence pour les Sciences   **Professeur : M DIAGNE**

MATHEMATICS: TEST N°2

EXERCISE 1 10.5points

1) Give 4 different types of numbers
2) What is the difference between ordinal numbers and cardinal numbers?
3) In what type of triangle is the hypotenuse?
4) Give 3 types of quadrilateral.
5) Translate the following words or expressions into French:

Length, perimeter of triangle, the area, less than, nine is greater than five.

6) Translate the following words or expressions into English:

Droits parallèles, nombre pair, segment de droite, angles opposés, l'aire du losange.

EXERCISE 2 7points

ABC is a triangle where AB = 4 cm, AC = 3 cm and BC = 5 cm.

1) Draw the triangle ABC.
2) Use the protactor and give the size of the angle BAC
3) Is not ABC a rectangle triangle? Justify your answer.
4) Calculate the perimeter and the area of the triangle ABC.

EXERCISE 3   2.5points

Write the following operations in letters:

a) 1.3 + 2.25 = 3.55   b) 16 < 23   c) $\frac{2}{3} - \frac{4}{12} = \frac{1}{3}$

$d)$ $\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$ $e)$ 20.25 $\div$ 0.5 = $\frac{81}{2}$