



ST NICHOLAS COLLEGE
RABAT MIDDLE SCHOOL
HALF YEARLY EXAMINATIONS 2017

Level
5-6-7

YEAR 7 MATHEMATICS (Non-Calculator Paper) TIME: 30 mins

Question	1	2	3	4	5	6	7	Total
Mark								

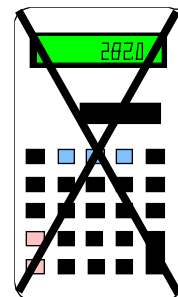
DO NOT WRITE ABOVE THIS LINE

NAME: _____ INDEX NO. _____ Class: _____

INSTRUCTIONS TO CANDIDATES:

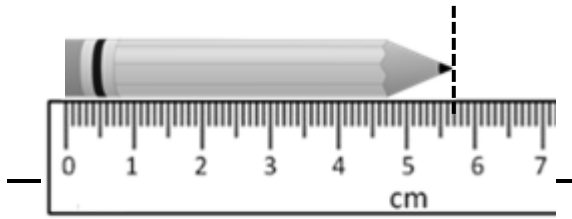
Read all the questions carefully before you start answering.

- Answer all questions.
- This paper carries 25 marks.
- **Calculators, protractors** and other mathematical instruments are **NOT ALLOWED**.



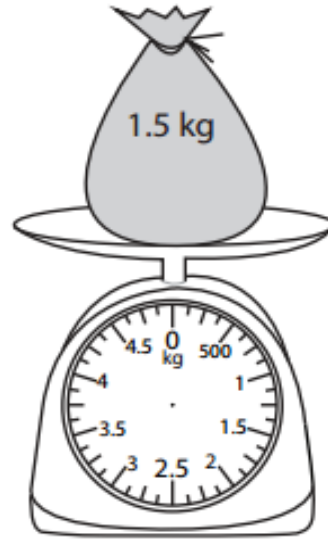
1. Look at the scales below.

a) How **long** is this pencil?

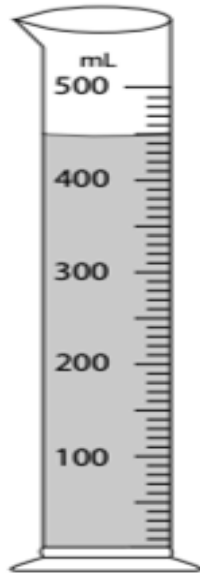


_____ cm

b) **Draw** the pointer on the scale.

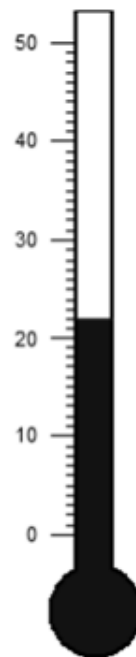


c) How many **millilitres**?



_____ ml

d) What is the **temperature**?



_____ °C

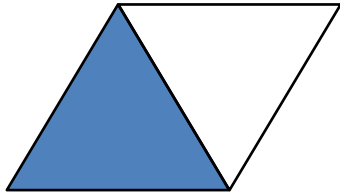
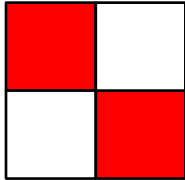
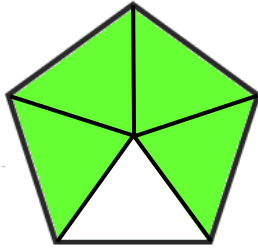
(4 marks)

2. Complete this multiplication grid by filling in the missing numbers.

×	4	5	_____
2	8	10	20
4	16	_____	40
_____	32	40	80

(3 marks)

3. a) What fraction of each shape is **shaded**?

(i) Shape A	(ii) Shape B	(iii) Shape C
		
_____	_____	_____

b) Which **two fractions** are **equivalent**?

_____ and _____

(4 marks)

4. The times recorded for 6 athletes in a 200 m race are shown below:

Athlete	Time
Barry	26.9 seconds
Fred	27.2 seconds
Daniel	27.25 seconds
Louis	26.5 seconds
Sam	26.2 seconds
Melvin	27 seconds



Put these athletes in the **order** in which they placed.

Placing	Athlete	Time, in seconds
1 st	Sam	26.2
2 nd		
3 rd		
4 th		
5 th		
6 th		

(4 marks)

5. Work out:

(a)
$$\begin{array}{r} 458 + \\ 231 \\ \hline \\ \hline \end{array}$$

(b)
$$\begin{array}{r} 76 - \\ 29 \\ \hline \\ \hline \end{array}$$

(4 marks)

6. David has these coins in his pocket.



a) How much money does he have?

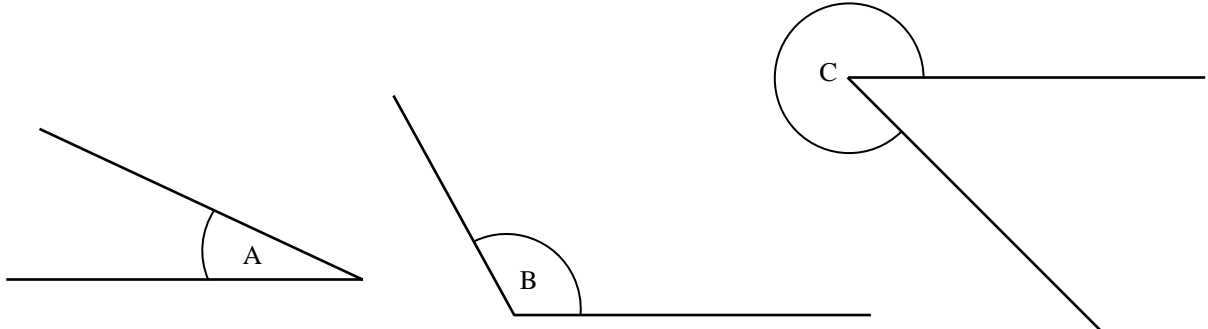
€ _____

b) David gives €3 to his brother. How much money has he **left**?

€ _____

(3 marks)

7. Look at the angles below.



b) (i) Which angle is **acute**?

Angle _____

(ii) Which angle is **reflex**?

Angle _____

b) **Estimate** the size of **angle B**.

Angle B = _____ °

(3 marks)