

KULLEĠĠ SAN BENEDITTU
Boys Secondary School, Kirkop

D

HALF-YEARLY EXAMINATIONS – FEBRUARY 2014

FORM 4

MATHEMATICS Scheme D

TIME: 20 mins

Non Calculator Paper

Mark

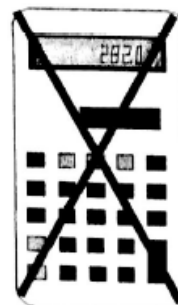
DO NOT WRITE ABOVE THIS LINE

NAME AND SURNAME: _____ **CLASS:** _____

INSTRUCTIONS TO CANDIDATES:

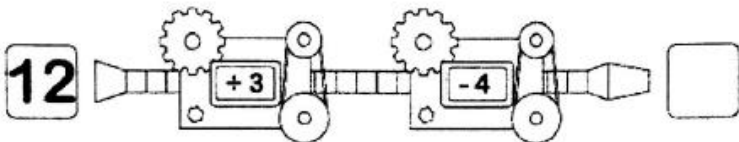
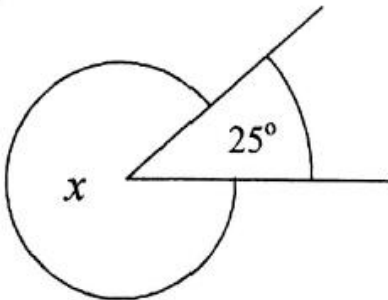
Read all the questions carefully before you start answering.

- Answer all questions.
- This paper carries 20 marks.
- **Calculators, protractors and other mathematical instruments are NOT ALLOWED.**
- On your desk you should have nothing except for pen, pencil, ruler and the examination paper.
- You are not required to show your working. However, space for working is provided if you need it.

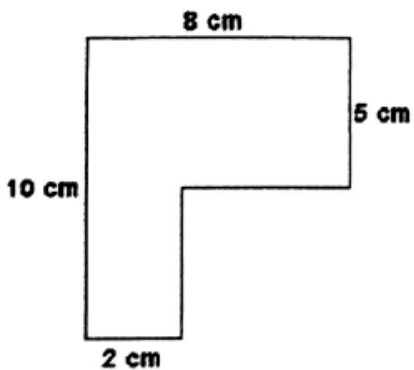


No.	Question	Space for working, if required.
1	<p>Write the following number in words:</p> <p style="text-align: center;">10 550</p> <hr/> <hr/>	
2	<p>Write in figures:</p> <p>Five thousand four hundred sixty four</p> <p style="text-align: center;">Answer : _____</p>	
3	<p>What is the value of 5 in this number?</p> <p style="text-align: center;">1527</p> <p style="text-align: center;">Answer : _____</p>	
4	<p>One of these numbers is a prime number. Which one is it?</p> <p style="text-align: center;">A) 267 B) 765 C) 327 D) 37</p> <p style="text-align: center;">Answer : _____</p>	



5	<p>Fill in the missing number:</p> <p>10 15 ____ 25 30</p>	
6	<p>Write down the output of this number machine in the empty box.</p> 	
7	<p>Fill in the box.</p> $0.4 = \frac{\square}{5}$	
8	<p>Change this into an improper fraction.</p> $2\frac{2}{3} = \frac{\square}{3}$	
9	<p>Find the size of x.</p>  <p>Answer : _____</p>	



10	<p>Work out:</p> $216.3 \div 100$ <p>Answer: _____</p>	
11	<p>A stone weighs 2.36 kg.</p> <p>What is its weight in grams?</p> <p>A) 236 B) 23600 C) 0.236 D) 2360</p> <p>Answer: _____ g</p>	
12	<p>$\frac{18}{30}$ is equal to</p> <p>a) $\frac{3}{5}$, b) $\frac{1}{3}$, c) $\frac{8}{10}$, d) $\frac{9}{11}$</p> <p>Answer: _____</p>	
13	<p>Find the perimeter of this shape</p>  <p>Answer : _____</p>	
14	<p>Work out:</p> $9 - 15 = \underline{\hspace{2cm}}$	

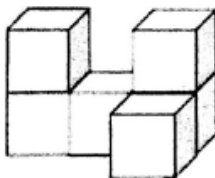


- 15 The turtle starts from the position shown.
Sketch the figure drawn by the turtle for
this set of LOGO commands:

PD FD 100 RT 90 FD 50 RT 90 FD 100

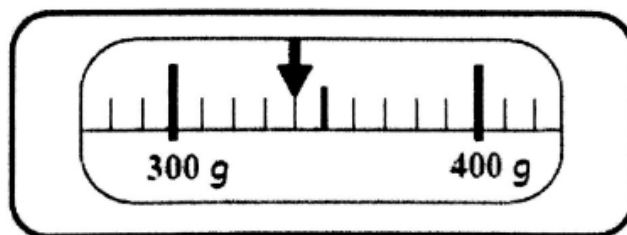


- 16 Each cube has side **2 cm**.
What is the **volume** of the shape?



Answer : _____

17



Look at the diagram

The arrow is pointing at _____g



18	<p>Work out:</p> $2 \times (8 - 3) =$ <p>Answer : _____</p>	
19	<p>An aeroplane carries 160 passengers when full.</p> <p>How many passengers does the aeroplane carry when it is $\frac{3}{4}$ full?</p> <p>Answer : _____</p>	
20	<p>Put these numbers in ascending order (smallest first):</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">0.98 _____</div> <div style="text-align: center;">98 _____</div> <div style="text-align: center;">0.098 _____</div> </div>	

END OF PAPER

