

**KULLEĠĠ SAN BENEDITTU**

**Boys Secondary School, Kirkop**

**Levels**

**5-7**

**HALF-YEARLY EXAMINATIONS – FEBRUARY 2014**

FORM 2

**MATHEMATICS**

TIME: 30mins

Levels 5-7

NAME & SURNAME: \_\_\_\_\_ CLASS: \_\_\_\_\_

**Non Calculator Paper**

Question	1	2	3	4	5	6	7	8	9	10	11	Total
Max. Mark	3	1	3	1	2	3	1	3	3	2	3	25
Mark												

DO NOT WRITE ABOVE THIS LINE

- Answer all the questions.
- This paper carries a total of 25 marks.
- Calculators and protractors are not allowed.

1 (a) Put these numbers in order, **smallest first**:-

25, 20, 23, 18, 15

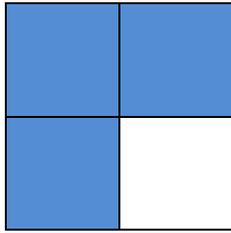
Ans \_\_\_\_\_

(b) What is the **median** of this set of numbers?

Ans \_\_\_\_\_

(3 marks)

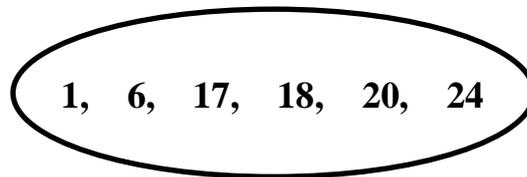
2. What fraction of the shape is shaded?



Ans \_\_\_\_\_

(1 mark)

3. From the set of numbers given below choose:-



(a) The **largest even** number.

Ans \_\_\_\_\_

(b) A **multiple** of 5.

Ans \_\_\_\_\_

(c) A **factor** of 12.

Ans \_\_\_\_\_

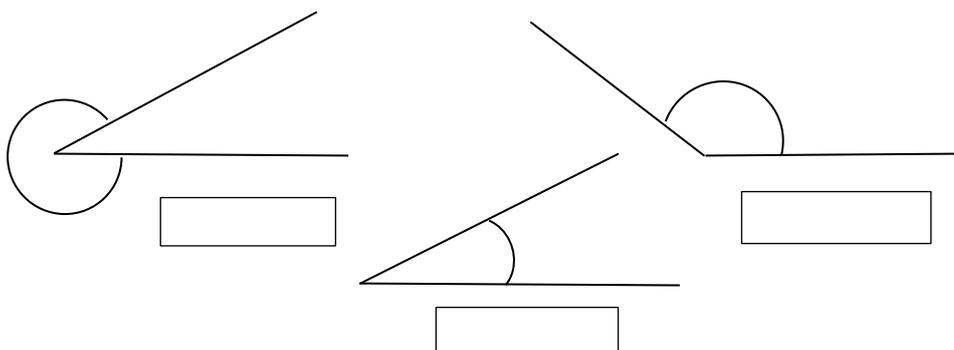
(3 marks)

4. Find the value of:-  $18 \times (6 + 4) =$

Ans \_\_\_\_\_

(1 mark)

5. Fill in the boxes using the correct word:- (**acute**, **reflex**, **obtuse**)



(2 marks)

6. Work out:-

(a)  $\frac{1}{4}$  of €16 =

Ans \_\_\_\_\_

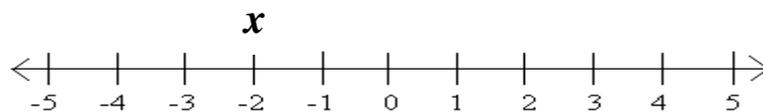
(b) 50% of 200g =

Ans \_\_\_\_\_

(3 marks)

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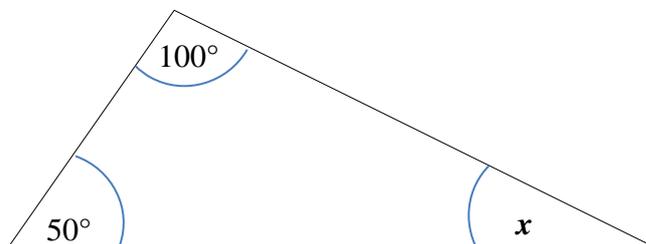
7. Given that  $x = -2$ . Work out the value of:  $x + 6 =$



(1 mark)

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8. Calculate angle  $x$  and give a reason for your answer.



Ans \_\_\_\_\_ $^\circ$

Reason \_\_\_\_\_

(3 marks)

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9. Work out:-

$$(a) \frac{5}{7} - \frac{1}{7} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

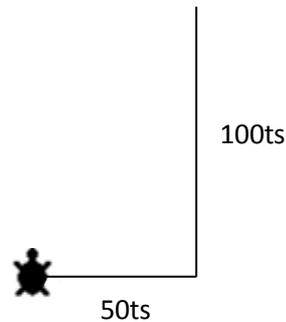
$$(b) \frac{5}{6} - \frac{1}{6} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}} = \frac{\boxed{\phantom{000}}}{3}$$

(3 marks)

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10. Fill in the **LOGO** commands for the turtle to draw this shape

pd  
rt 90  
fd \_\_\_\_\_  
lt \_\_\_\_\_  
fd 100  
pu home



(2 marks)

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11. Work out :-

a)  $8.5 \text{ cm} +$

$3.2 \text{ cm}$

\_\_\_\_\_

\_\_\_\_\_

b)  $9.72 -$

$0.4$

\_\_\_\_\_

\_\_\_\_\_

c)  $14.2 \div 10 =$

(3 marks)

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