

KULLEGĠ 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

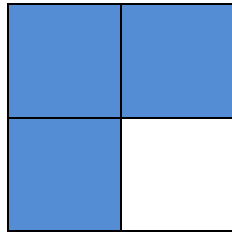
Ans _____

(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:-

1, 6, 17, 18, 20, 24

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

Ans _____

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

Ans _____

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

Ans _____

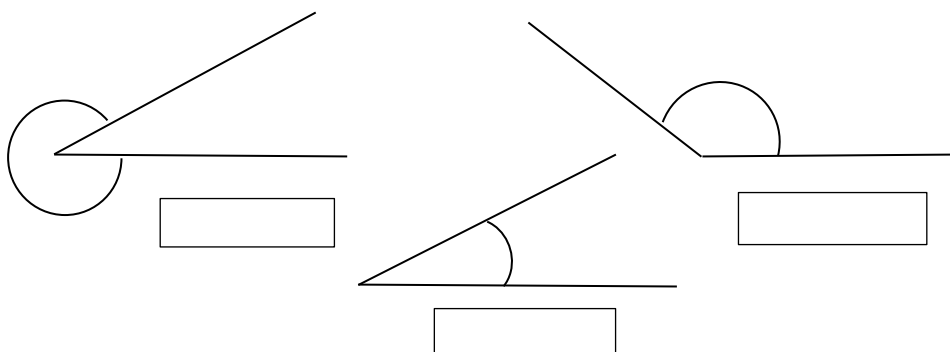
(3 marks)

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 =

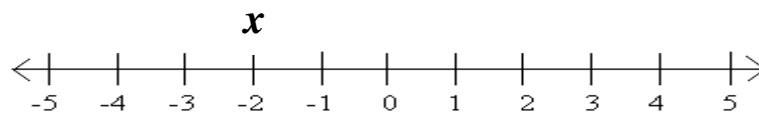
Ans _____

(b) 50% of 200g =

Ans _____

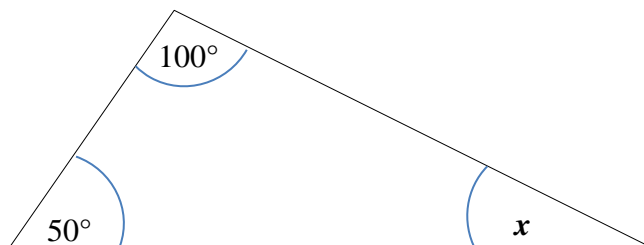
(3 marks)

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



(1 mark)

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



Ans _____°

Reason _____

(3 marks)

9. Work out:-

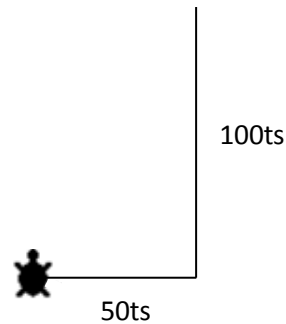
$$(a) \quad \frac{5}{7} - \frac{1}{7} = \frac{\boxed{}}{\boxed{}}$$

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

(3 marks)

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

pd
rt 90
fd ____
lt ____
fd 100
pu home



(2 marks)

11. Work out :-

a) $8.5 \text{ cm} +$

3.2 cm

b) $9.72 -$

0.4

c) $14.2 \div 10 =$

(3 marks)