

**KULLEĠĠ SAN BENEDITTU**  
**Boys Secondary School, Kirkop**

**Levels**  
**4-5**

**HALF-YEARLY EXAMINATIONS – FEBRUARY 2013**

FORM 1

**MATHEMATICS** Levels 4-5

TIME: 30mins

**Non Calculator Paper**

Question	1	2	3	4	Total
Max. Mark	14	2	3	6	25
Mark					

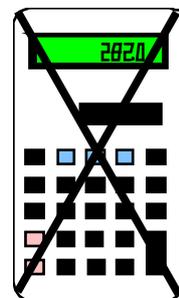
**DO NOT WRITE ABOVE THIS LINE**

NAME AND SURNAME: \_\_\_\_\_ CLASS: \_\_\_\_\_

**INSTRUCTIONS TO CANDIDATES:**

**Read all the questions carefully before you start answering.**

- Answer all questions.
- This paper carries 25 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**.



1. Here is a set of number cards. Work out:

i.  $3 \times 3 =$  \_\_\_\_\_

ii. Double 2 = \_\_\_\_\_

iii.  $2 \cdot 3 +$   
 $1 \cdot 2$   
\_\_\_\_\_  
\_\_\_\_\_

iv.  $12 + 5 =$  \_\_\_\_\_

v.  $7 + 11 =$  \_\_\_\_\_

vi.  $13 - 3 =$  \_\_\_\_\_

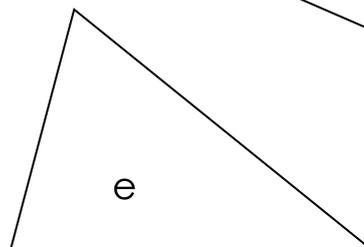
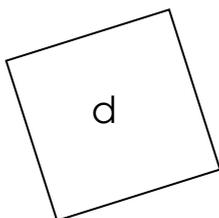
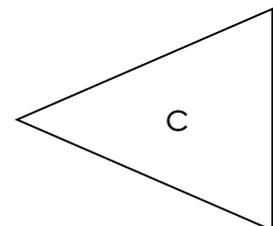
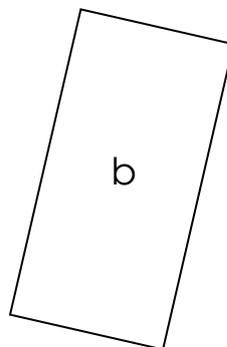
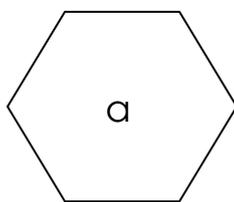
vii.  $20 - 5 =$  \_\_\_\_\_

Working space:



(14 marks)

2. Which **two** shapes are made of **right angles**?

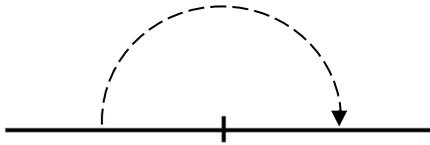


Ans: \_\_\_\_\_ and \_\_\_\_\_

(2 marks)

3. a Mark the correct answer with a

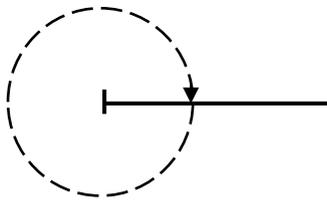
i)



whole turn

half turn

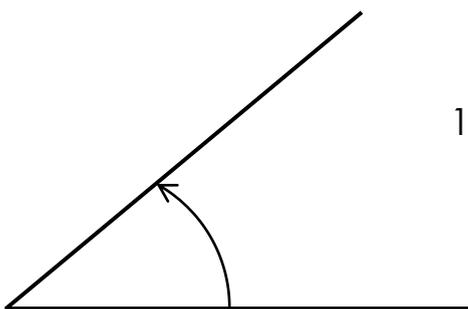
ii)



whole turn

half turn

b) This angle is approximately equal to:



10°

45°

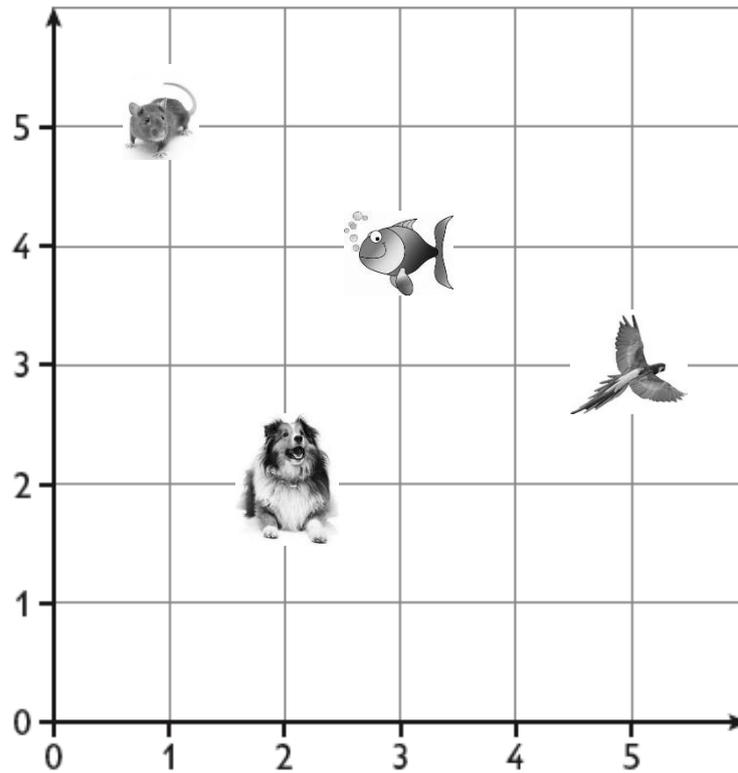
90°

100°

Ans: \_\_\_\_\_

(3 marks)

4. On the grid below, there is a **mouse**, a **dog**, a **fish** and a **bird**.



a) Which **animal** is on:

i) **(2 right, 2 up)** ?      Ans: \_\_\_\_\_

ii) **(3 right, 4 up)** ?      Ans: \_\_\_\_\_

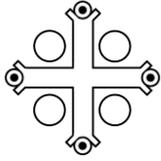
b) Write the **steps** to reach the:

i) **bird**      ( \_\_\_\_\_ right, \_\_\_\_\_ up)

ii) **mouse**      ( \_\_\_\_\_ right, \_\_\_\_\_ up).

(6 marks)

End of Non Calculator Paper



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**4-5**

**HALF-YEARLY EXAMINATIONS – FEBRUARY 2013**

**FORM 1**

**MATHEMATICS** Levels 4 -5

**TIME: 1hr**

**Main Paper**

Question	1	2	3	4	5	6	7	8	9	10	Main	NC	Global Mark
Max. Mark	15	4	5	5	10	10	3	7	8	8	75	25	100
Mark													

**DO NOT WRITE ABOVE THIS LINE**

**NAME AND SURNAME:** \_\_\_\_\_ **CLASS:** \_\_\_\_\_

**INSTRUCTIONS TO CANDIDATES:**

Read all the questions carefully before you start answering.

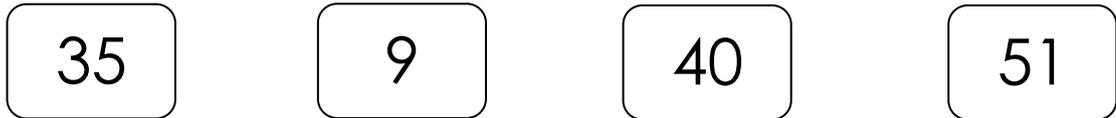
- Answer all questions.
- This paper carries 75 marks.
- Calculators and mathematical instruments are allowed but all necessary working must be shown.

1. Fill in

a) Write **thirty four** as a number    Ans: \_\_\_\_\_

b) Write **68** in words    Ans: \_\_\_\_\_

c) Put the following numbers in order, **smallest** first



Ans: \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ .

d) Complete

4, 6, 8, 10, \_\_\_\_\_ , 14, \_\_\_\_\_ .

90, \_\_\_\_\_ , 80, 75, 70, \_\_\_\_\_ , 60.

e) Sort between the **odd** and **even** numbers



**odd** numbers



**even** numbers

f) The number **37** has \_\_\_\_\_ **tens**, \_\_\_\_\_ **units**.

g) The **Factors of 12** are {1, \_\_\_\_\_ , 3, \_\_\_\_\_ , \_\_\_\_\_ , 12}.

(15 marks)

2. a) Use a ruler to **measure** the length of each pencil in centimetres.



Ans: \_\_\_\_\_ cm

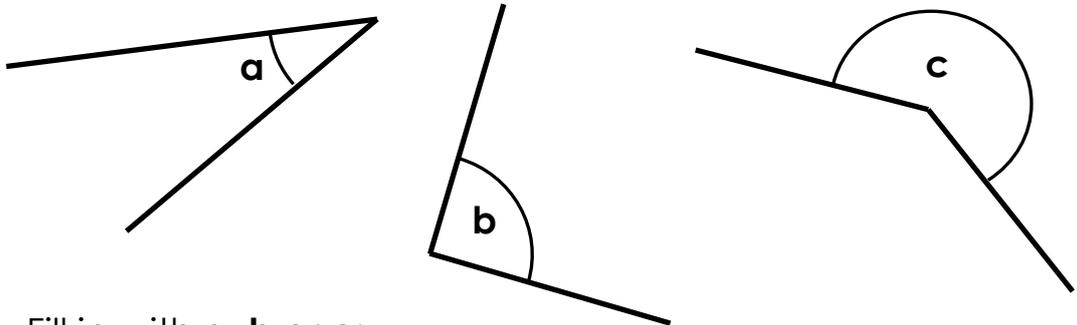


Ans: \_\_\_\_\_ cm

b) Draw a line **12cm** long.

(4 marks)

3.

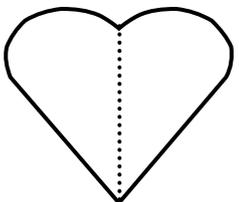
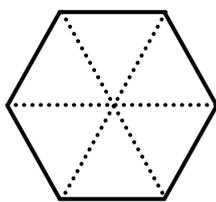
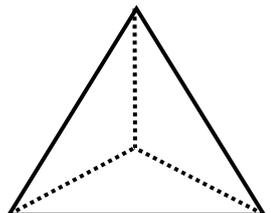
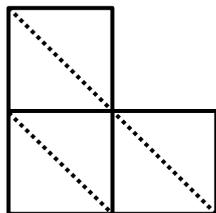


Fill in with **a**, **b** or **c**:

- i) \_\_\_\_\_ is a  $90^\circ$  angle
- ii) \_\_\_\_\_ is **more than**  $90^\circ$
- iii) \_\_\_\_\_ is **less than**  $90^\circ$ .

(5 marks)

4.

 <p>Shade <math>\frac{1}{2}</math></p>	 <p>Shade <math>\frac{5}{6}</math></p>
 <p>Shade <math>\frac{2}{3}</math></p>	 <p>Shade <math>\frac{1}{3}</math></p>

(5 marks)

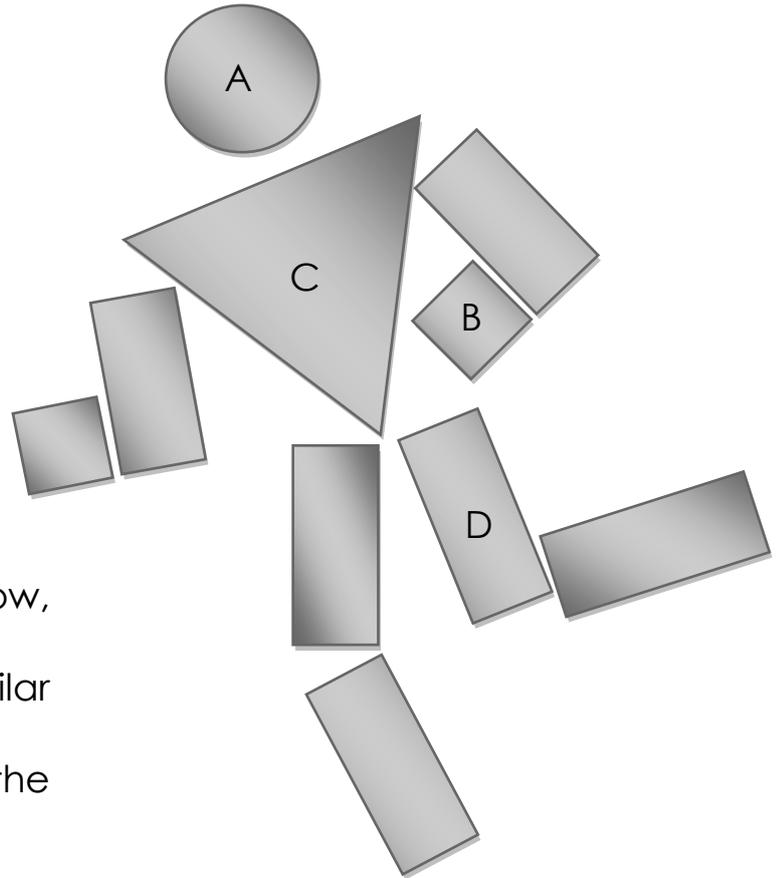
5. i) Complete:

Shape \_\_\_\_\_ is a **rectangle**

Shape \_\_\_\_\_ is a **square**

Shape \_\_\_\_\_ is a **triangle**

Shape \_\_\_\_\_ is a **circle**.



ii) In the **pictogram** below,

draw **X** for every similar

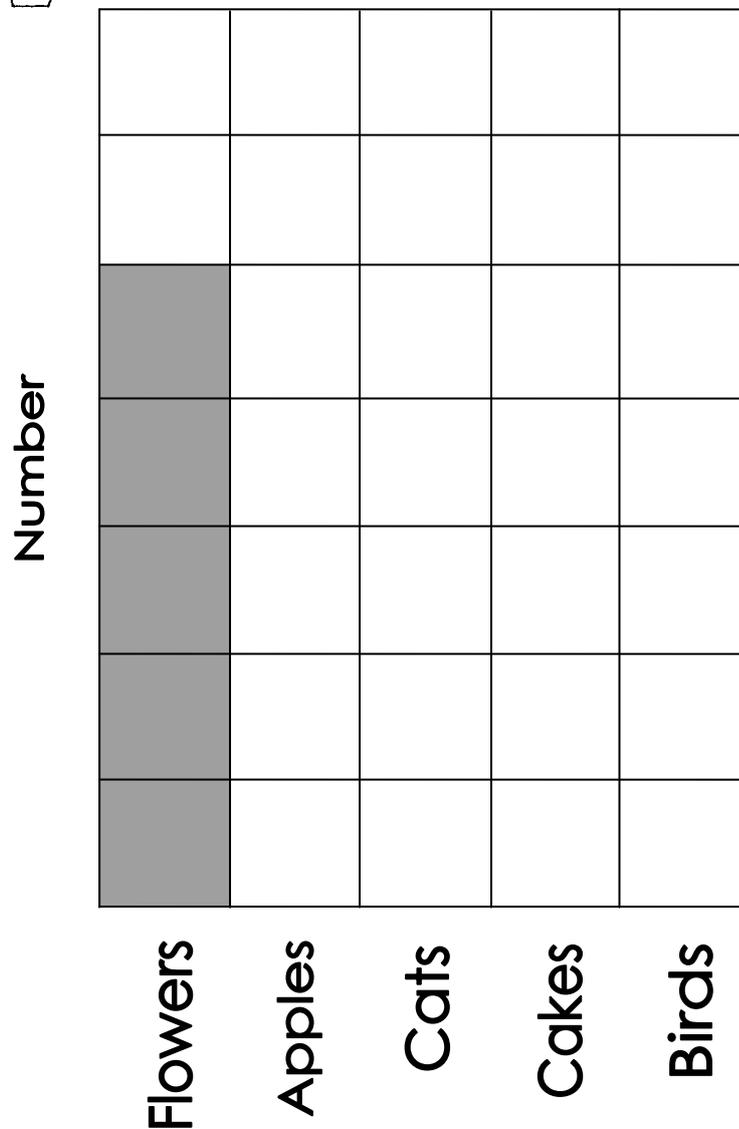
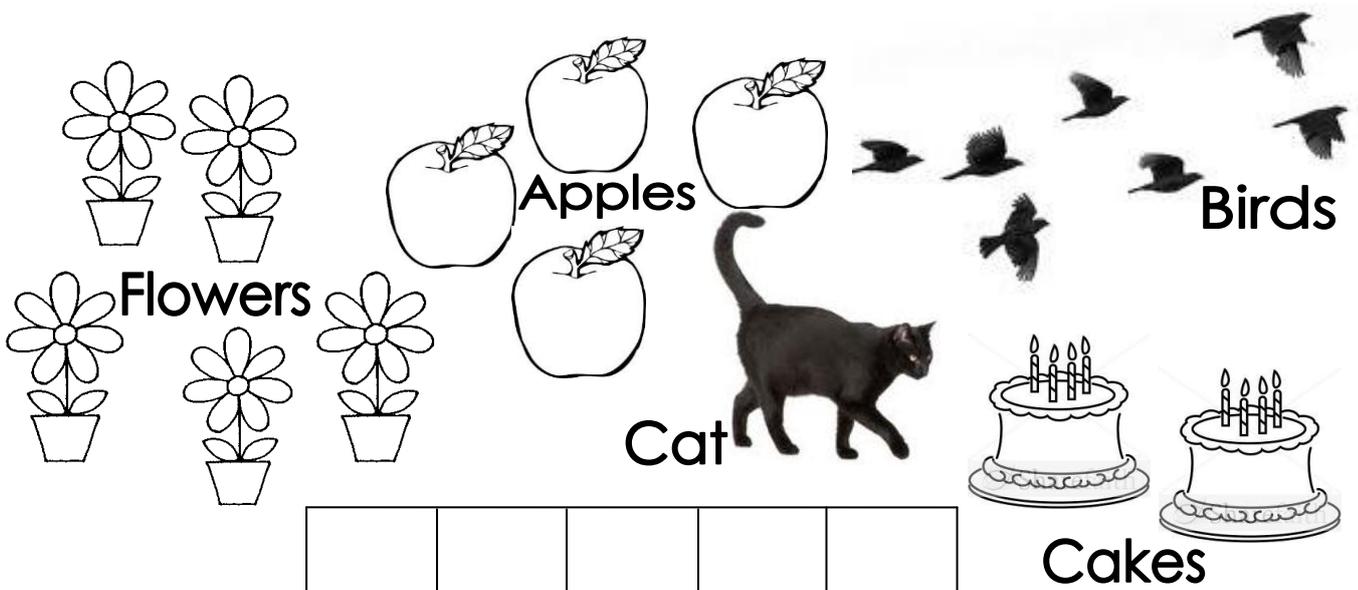
shape you find in the

diagram above.

	X X
	
	
	

(10 marks)

6. i) Fill in the **bar chart** below.

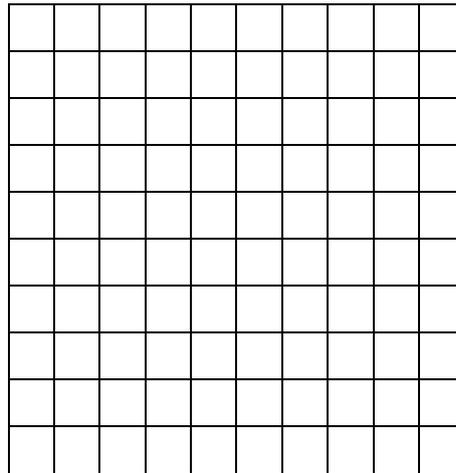


ii) Which item is the **most shown**?

Ans: \_\_\_\_\_

(10 marks)

7. Shade **50%** of the diagram below.



(3 marks)

8. **Round** these numbers to the **nearest 10**.



**77** paper clips  
is about

Ans: **80**



**99** students  
is about

Ans: \_\_\_\_\_



**8** balloons  
is about

Ans: \_\_\_\_\_



**32** books  
is about

Ans: \_\_\_\_\_



**16** pencils  
is about

Ans: \_\_\_\_\_



**54** basketballs  
is about

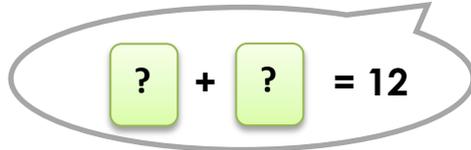
Ans: \_\_\_\_\_

(7 marks)

9. Here is a set of cards. Each card may be used more than once.

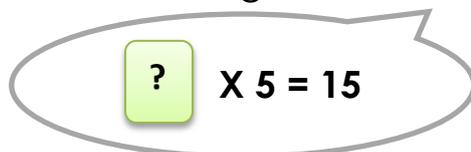


a) Which two numbers **add** up to **12**?


$$? + ? = 12$$

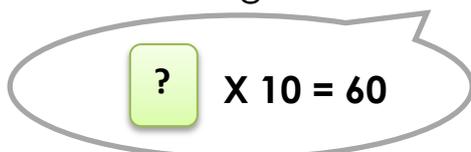
Ans: \_\_\_\_\_ and \_\_\_\_\_

b) Which number gives **15** when **multiplied by 5**?


$$? \times 5 = 15$$

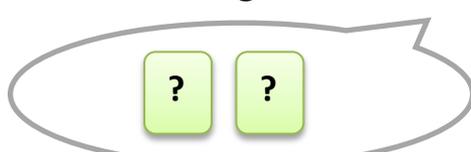
Ans: \_\_\_\_\_

c) Which number gives **60** when **multiplied by 10**?


$$? \times 10 = 60$$

Ans: \_\_\_\_\_

d) Which is the **largest** number you can make, using only **2 cards**?


$$? \quad ?$$

Ans: \_\_\_\_\_

(8 marks)

10. Here are some **coins**.

Draw the coins you would use to pay **18c**.



(8 marks)

End of Exam