

KULLEĠĠ SAN BENEDITTU
Boys Secondary School, Kirkop

Levels
4-5

HALF-YEARLY EXAMINATIONS – FEBRUARY 2014

FORM 1

MATHEMATICS Levels 4 -5

TIME: 1hr

Main Paper

Question	1	2	3	4	5	6	7	8	9	10	11	12	Main	NC	Global Mark
Max. Mark	7	2	10	2	3	7	8	7	6	2	11	10	75	25	100
Mark															

DO NOT WRITE ABOVE THIS LINE

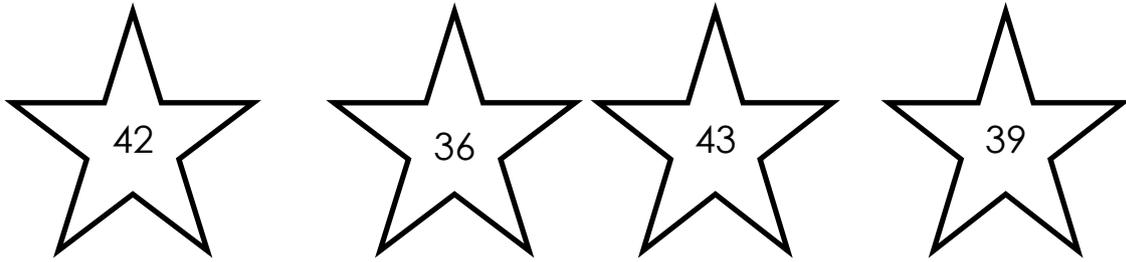
NAME AND SURNAME: _____ **CLASS:** _____

INSTRUCTIONS TO CANDIDATES:

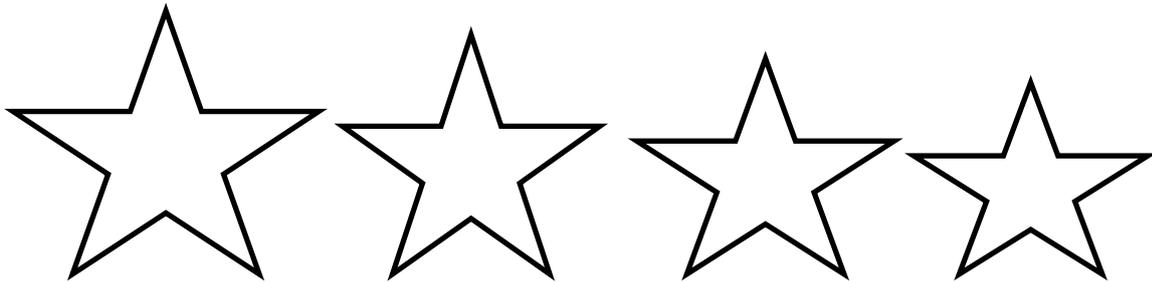
Read all the questions carefully before you start answering.

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

1. a) Arrange the following numbers in order, **biggest** first.



Answer:



b) Write the number that lies in between.

48	_____	50
173	_____	175
189	_____	191

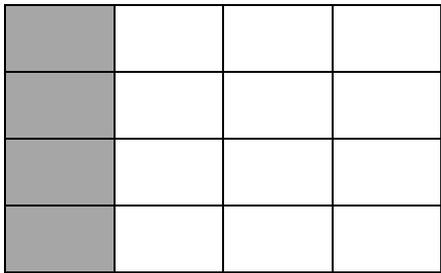
(7 marks)

2. There are 24 apples in a basket.
Share them equally on these two plates.

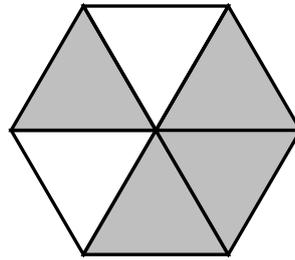


(2 marks)

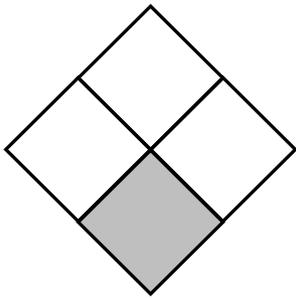
3. a) What fraction is shaded?



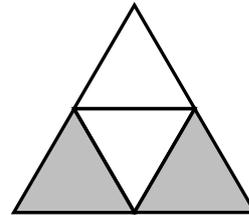
$$\frac{\square}{\square}$$



$$\frac{\square}{\square}$$



$$\frac{\square}{\square}$$



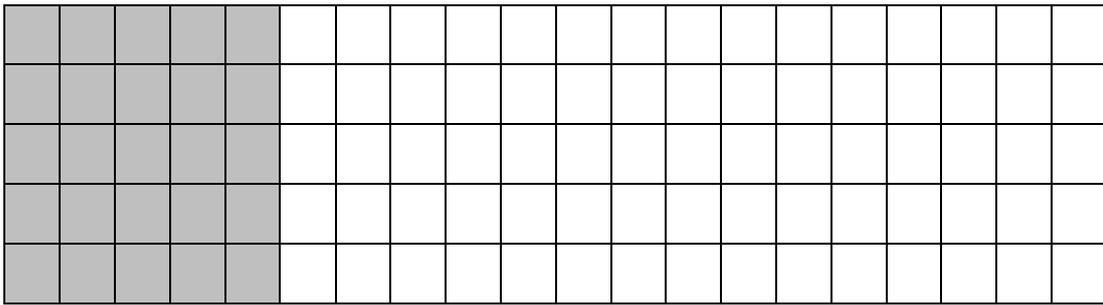
$$\frac{\square}{\square}$$

b) Which of the above fractions are equal to each other?

$$\frac{\square}{\square} = \frac{\square}{\square}$$

(10 marks)

4. What percentage of the following is shaded?



Answer: _____%

(2 marks)

5. **Round** the following numbers to the nearest **10**:

	<p>There are 32 pencils. This is about _____ pencils.</p>
--	---

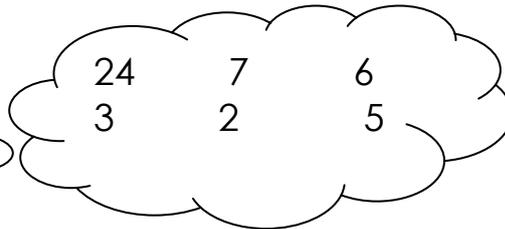
	<p>There are 55 birds. This is about _____ birds.</p>
---	---



There are 87 penguins.
This is about _____ penguins.

(3 marks)

6. Rebecca is thinking of some numbers.



Fill in using the numbers Rebecca is thinking.

- a) _____ , _____ and _____ are even numbers.
- b) _____ is a factor of 8.
- c) _____ is a factor of 25.
- d) _____ and _____ are both factors of 15.

(7 marks)

7. Some people were asked 'What is your favourite sport?' The following pictogram shows the result. Answer the questions accordingly.

Tennis	
Basketball	
Football	
Badminton	

Key:  = 1 person

a) How many people like **tennis**?

Answer: _____

b) How many people were asked **altogether**?

Answer: _____

c) Which is the **most** favourite sport?

Answer: _____

d) Which is the **least** favourite sport?

Answer: _____

e) Three more people were asked the same question. **Two** said they prefer **tennis** and **one** said **basketball**. Show this information on the pictogram.

(8 marks)

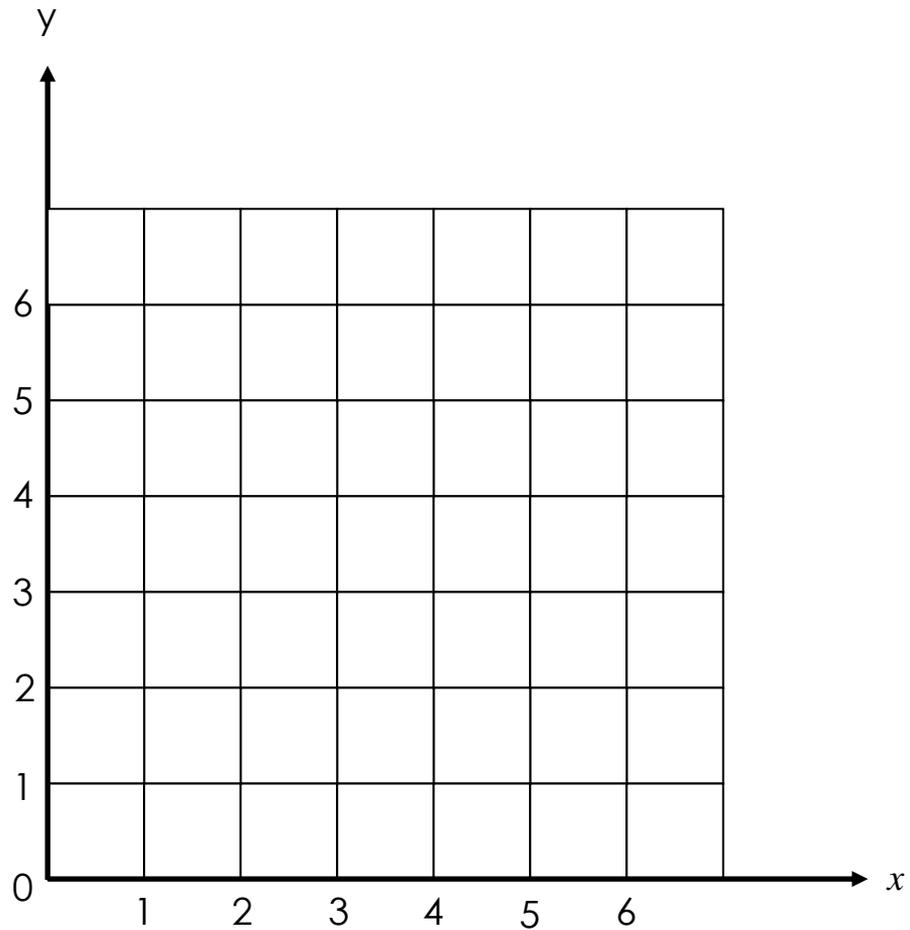
8. a) Plot the following points.

A (1 , 2)

B (1 , 6)

C (4 , 6)

D (4 , 2)



b) Draw lines from A to B , B to C , C to D and D to A.

c) What shape is formed?

Answer: _____

(7 marks)

9. Fill in.

a)



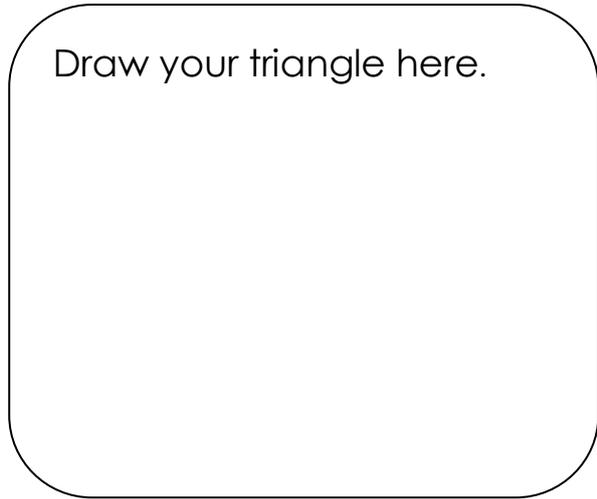
This is a (pentagon , quadrilateral , circle).

It has _____ sides.

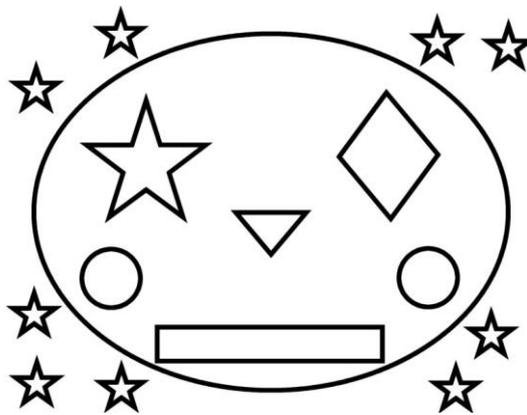
b) Draw a triangle.

It has _____ sides.

Draw your triangle here.

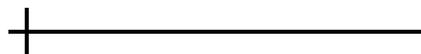


c) There are _____ circles in this picture.



(6 marks)

10. Using your protractor, draw and mark an angle of 90° .

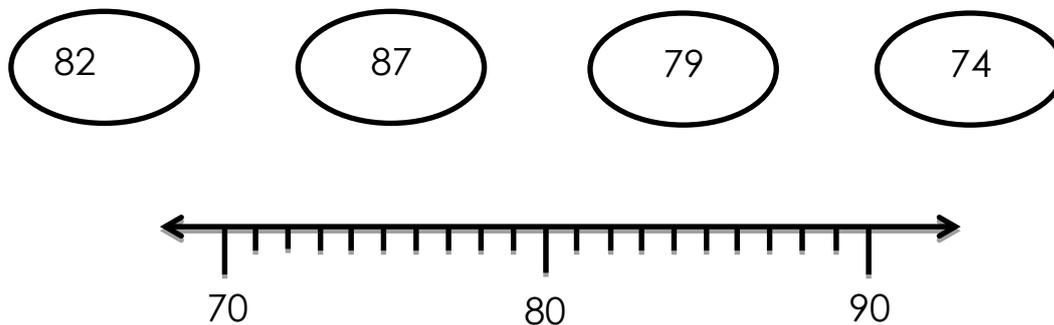


(2 marks)

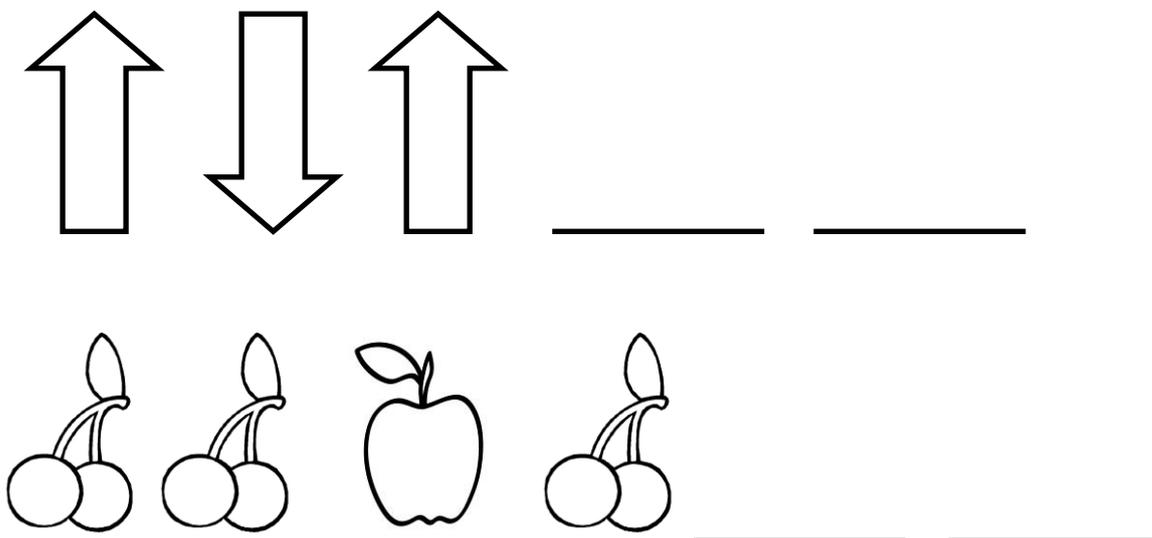
11. a) Fill in with the words **heavier** or **lighter**.

- i) A truck is _____ than a car.
- ii) An apple is _____ than a bear.
- iii) A feather is _____ than a book.

b) Mark the following numbers on the number line below.



c) Continue with the correct pattern.



(11 marks)

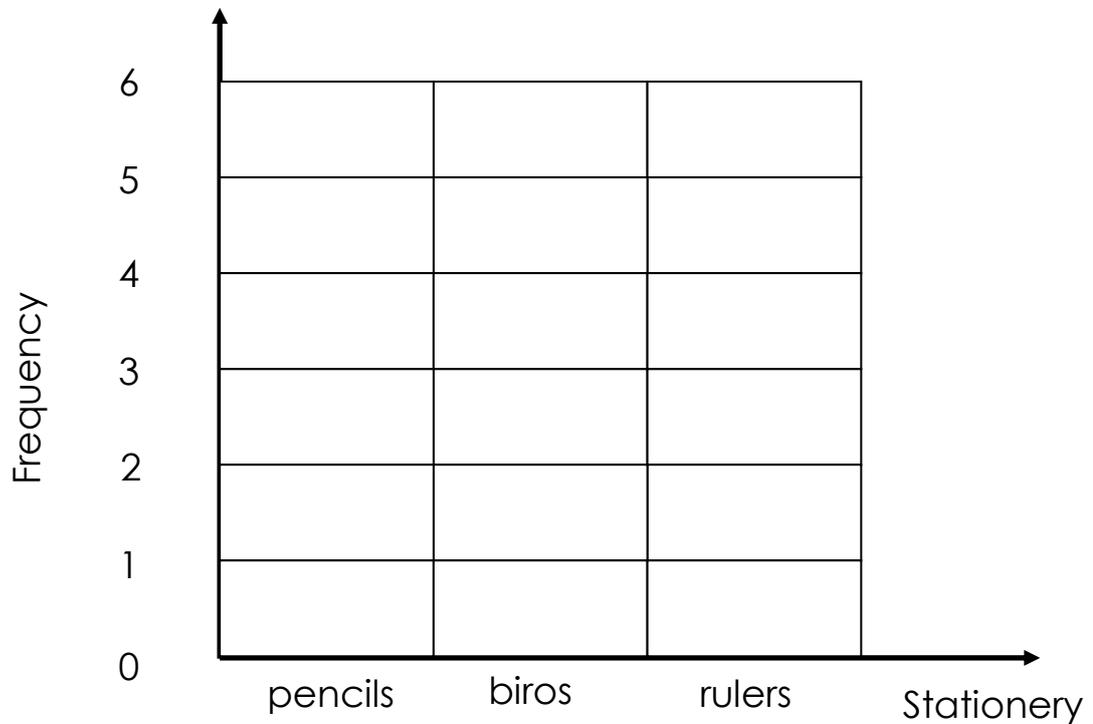
12. Matthew likes to collect pencils, biros and rulers.



a) Fill in this frequency table.

Stationery	Tally	Frequency
Pencils		
Biros		
Rulers		
	Total	

b) Draw the above information in the following bar chart.



(10 marks)

End of Exam