

FORM 1

MATHEMATICS
Non Calculator Paper

TIME: 30 minutes

Question	1	2	3	4	5	6	Total
Mark							

DO NOT WRITE ABOVE THIS LINE.

Name: _____

Class: _____

Instructions to Candidates

- **Answer all questions.**
- **This paper carries a total of 25 marks.**
- **Calculators and protractors are NOT ALLOWED.**

1. Work out:

a) $25 + 6 =$ _____

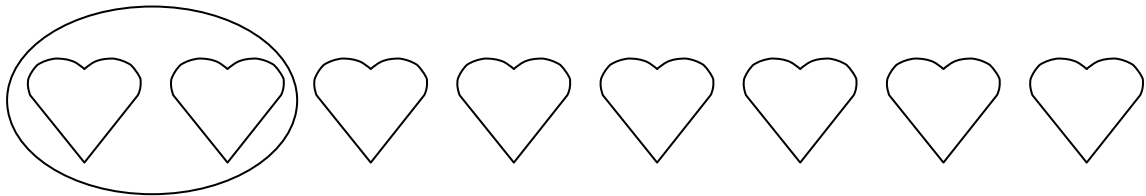
b) $16 + \underline{\quad} = \underline{21}$

c) $37 - 4 =$ _____

d) $14 \times 2 =$ _____

(4 marks)

2.



a) Group every two hearts in a set. The first one is done for you.

b) I have _____ sets of two.

c) I can write this as: **4×2** ; **$4 + 2$** ; **42**.

Underline the correct answer.

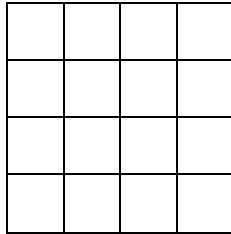
d) I have _____ hearts in all.

(4 marks)

3. Work out:

a) $1 \times 1 = \underline{\hspace{2cm}}$, $2 \times 2 = \underline{\hspace{2cm}}$, $3 \times 3 = \underline{\hspace{2cm}}$

b)



This square gives us: $\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$.
(5 marks)

4. Fill in with **+** or **-** and a number.
The first one is done for you.

a) (i) $3 \quad \mathbf{+} \quad 2 \quad = \quad 5.$

(ii) $6 \quad \underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} \quad = \quad 8.$

(iii) $8 \quad \underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} \quad = \quad 10.$

(iv) $10 \quad \underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} \quad = \quad 12.$

b) Can you find the rule? What is it?

c) (i) $18 \quad \underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} \quad = \quad 15.$

(ii) $15 \quad \underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} \quad = \quad 12.$

(iii) $12 \quad \underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} \quad = \quad 9.$

d) Can you find the rule? What is it?

(6 marks)

5. Work out:

a) $8.4 + 2.5 =$ _____

b) $19.7 - 3.6 =$ _____

(4 marks)

6. Underline **2** correct answers.

$1 \div 2 =$ _____ or _____.

(12, $\frac{1}{2}$, 1.2, 0.5)

(2 marks)

END OF NON CALCULATOR PAPER

FORM 1

MATHEMATICS

TIME: 1 hour

Main Paper

Question	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Total Main	Non Calc	Global Mark
Mark																			

DO NOT WRITE ABOVE THIS LINE

Name: _____

Class: _____

CALCULATORS ARE ALLOWED BUT ALL NECESSARY WORKING MUST BE SHOWN.
ANSWER ALL QUESTIONS.

1. a) What is the value of the underlined digit?

(i) 96 _____

(ii) 37 _____

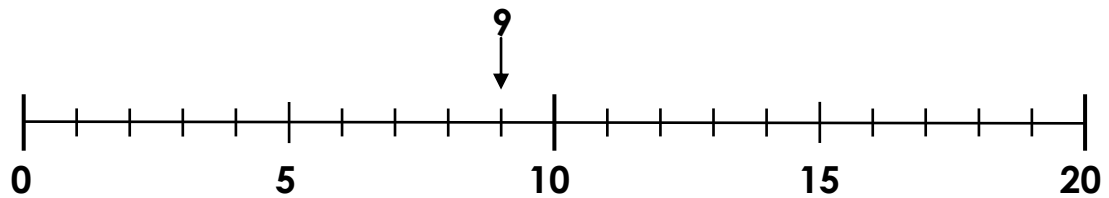
b) Work out

(i) $7 \times 10 =$ _____

(ii) $17 \times 10 =$ _____

1. c) (i) Put these numbers on the number line. The first one is done for you.

9, 12, 6, 18.

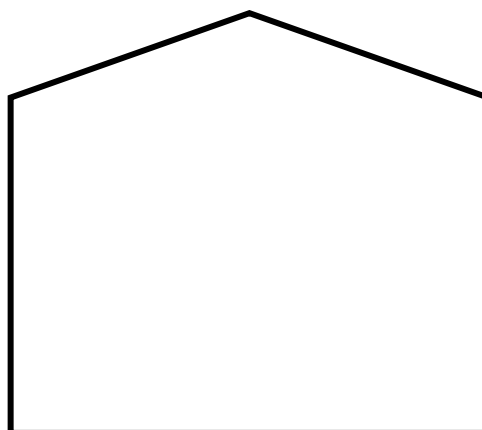


- (ii) Put these numbers in order, largest first.

26, 42, 13, 51.

(9 marks)

2. a) Mark with an '**R**' two right angles on the diagram.
b) Mark with a '**B**' two angles bigger than a right angle on the diagram.



(4 marks)

Name : _____

Class : _____

3.



- a) (i) How many apples are there on the tree?

Answer: _____ apples.

- (ii) This is an **(odd/even)** number. Choose!

- b) (i) Write **two factors of 6**. _____, _____.

- (ii) Write **two factors of 12**. _____, _____.

(4 marks)

4.

 strawberry	 bananas	 pineapple
 orange	 pear	 cherries
START	 apple	 peach

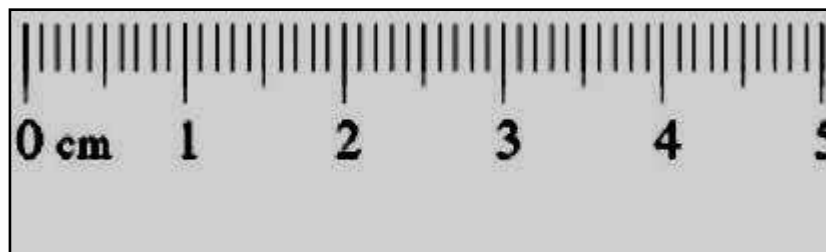
You are on the **START** button.

Move 1 step to the right, 2 steps up and 1 step to the right again. What fruit do you find there?

Answer: _____

(2 marks)

5. a)



Up to which number does this ruler show?

Answer: _____

b) Put these numbers in their proper place.

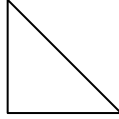
27, 26, 28.

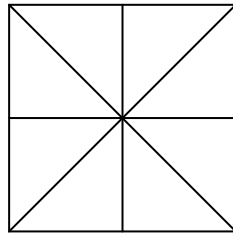
SMALLEST		LARGEST

(3 marks)

Name : _____

Class : _____

6. a) How many parts equal to  does this square have?



Answer: _____

- b) Anna and Peter want to share the parts of the square equally. How many does each one get?

Answer: _____

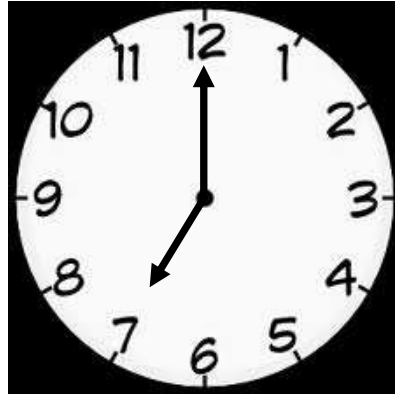
c) Complete: (i) $\frac{1}{2} = \frac{\boxed{}}{8}$

(ii) $50\% = \frac{\boxed{}}{100}$

(4 marks)

7. a) What is the time?

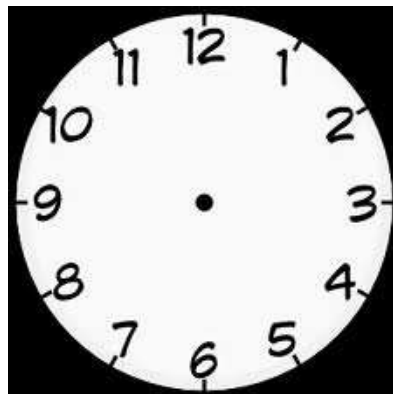
(i)



(ii)

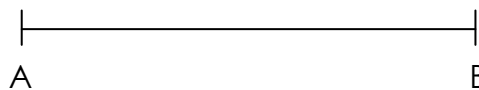
04:00

b) Draw the hands of the clock to mark 2 o'clock.



(4 marks)

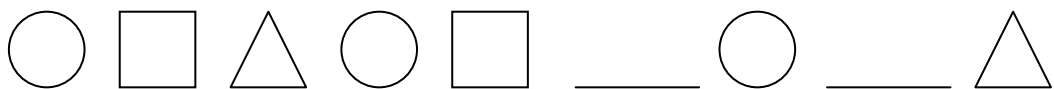
8. a) Use your ruler:
(i) to measure line AB



Answer: _____cm

- (ii) to draw and label a line CD 5 cm long.

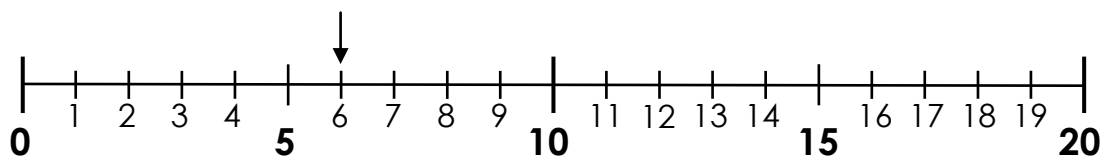
- b) Draw the missing shapes in this pattern.



(5 marks)

9. a) Use the number line. Start from 6 and count on 5.

You arrived at number _____.

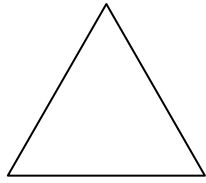


- b) Write to the nearest 10.

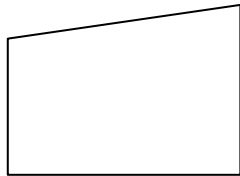
Number	Nearest 10
21	
59	
75	

(5 marks)

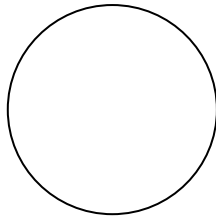
10. **Match**, using an arrow.



quadrilateral



circle



triangle

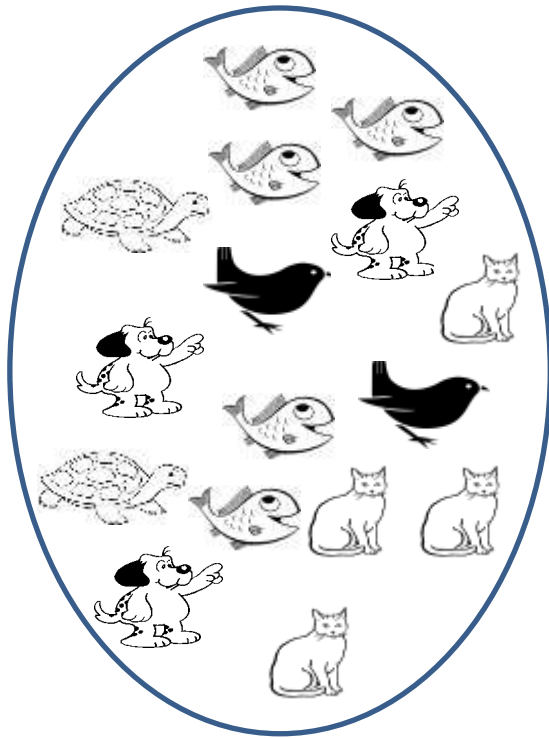
(3 marks)

11. Underline **Certain** or **Impossible** near each sentence.

- a) My sister is a girl. **Certain / Impossible**
- b) We go to Valletta by aeroplane. **Certain / Impossible**
- c) At school I do my classwork. **Certain / Impossible**

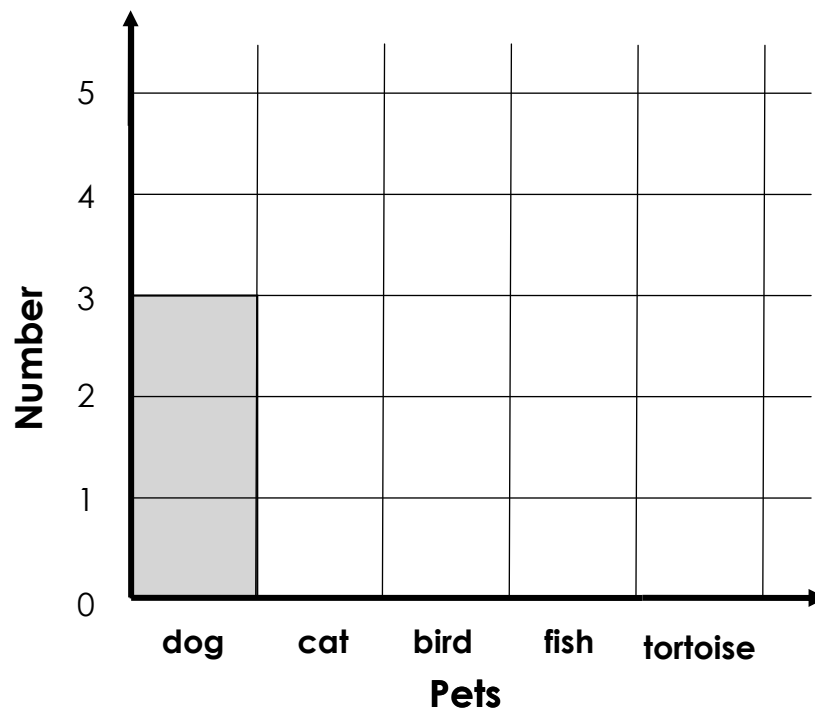
(3 marks)

12. Each student in class has one pet. The pets are shown here.
- a) Complete this table about pets.



Pets		Number
Dog		
Cat		
Bird		
Fish		
Tortoise		

- b) Put the information above, on this bar chart.



- c) Which is the most common pet?

Answer: _____

(10 marks)

13. a) Complete these number patterns.

(i) 8, 10, 12, _____, _____.

(ii) 15, 20, 25, _____, _____.

b)  + = 

apples + apples = apples

(8 marks)

14. a) I have €5 and I have to give you €7.

Choose the correct statement:

(i) €5 + €7

(ii) €5 – €7

(iii) €7 – €5

b) When I give you the €5, I still have to give you €2 more.
I write this as: **(-€2, +€2, €0)**.

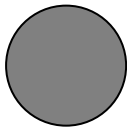
c) Work this out:

I have 6 marbles and I give you 6 marbles.

I am left with **(6, 12, 0)** marbles.

(6 marks)

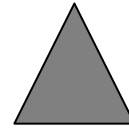
15. Put the objects on the grid as indicated.



(A, 3)



(C, 6)

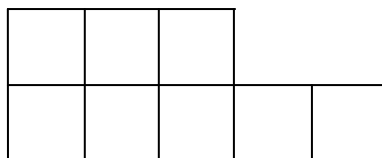


(B, 2)

6			
5			
4			
3			
2			
1			
	A	B	C

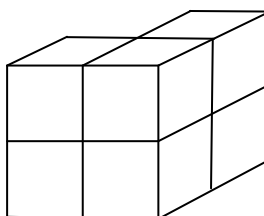
(3 marks)

16. a) How many unit squares form the **area** of this shape?



Answer: _____ squares.

- b) How many cubes make up this solid shape?



Answer: _____ cubes.

(2 marks)

END OF PAPER