



**FORM 1**

**MATHEMATICS**  
**Non Calculator Paper**

**TIME: 30 minutes**

**Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_

Question	1	2	3	4	5	6	7	8	9	Total
Mark										

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### Instructions to Candidates

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

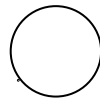
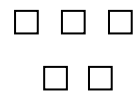
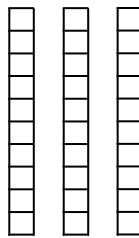
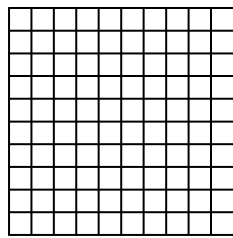
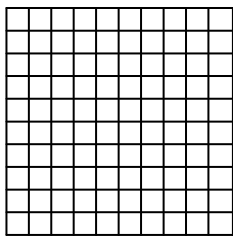
a)  $6 + \square = 10$

b)  $8 + \square = 20$

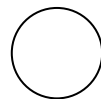
c)  $\square + \square = 20$

(3 marks)

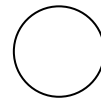
2. How do I write this number?



$\times 100$



$\times 10$

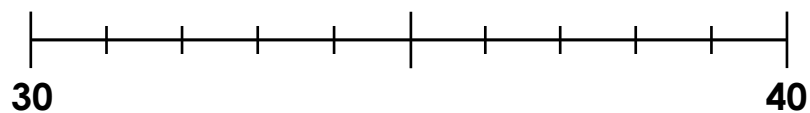


$\times 1$

The number is \_\_\_\_\_.

(4 marks)

3. Use the number line to **work out**.



a)  $32 + 7 = \square$

b)  $39 - 6 = \square$

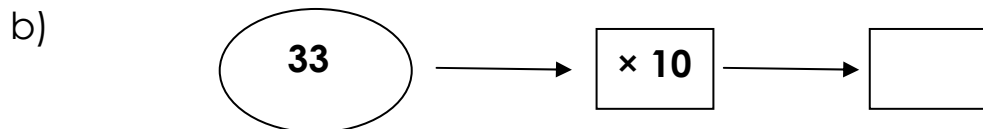
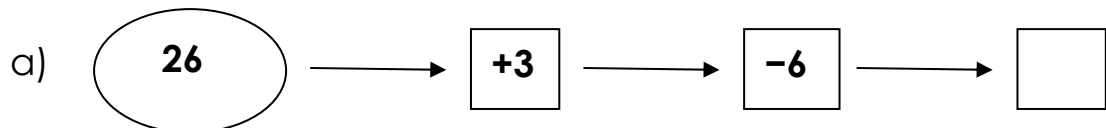
(2 marks)

4. a)  $42 \times 2 = (\square \times 2) + (2 \times 2)$   
 $= 80 + 4 = \square$

b)  $42 \div 2 = \square$

(2 marks)

5. **Complete** these number machines.



(3 marks)

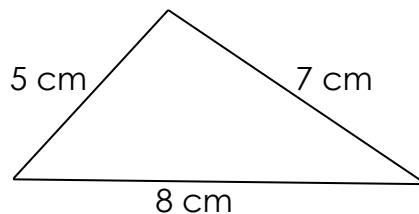
6. **Fill in** the missing numbers.

a) 2,  $\square$ , 6, 8.

b) 36, 37,  $\square$ , 39.

(2 marks)

7. What is the **perimeter** of this triangle?



The **perimeter** of this triangle is \_\_\_\_\_ cm.

(2 marks)

8. a) How much do they weigh?

200 g, 2.5 kg, 1 kg.



Bag of flour



Can of beans



Bag of potatoes

- b) Mum buys the **flour** and the **potatoes**.  
How many **grams** does she have in all?

Flour + Potatoes = In all.

grams +  grams =  grams

(4 marks)

9. a) This table shows the number of children in each family. Complete the table.

Number of Children	Tally	Number of Families
1	IIII	
2	IIII II	
3	III	
4	II	

- b) How many children are there **in all**?

Answer \_\_\_\_\_

(3 marks)

**FORM 1** **MATHEMATICS** **TIME: 1h 30min**  
**Main Paper**

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

**DO NOT WRITE ABOVE THIS LINE**

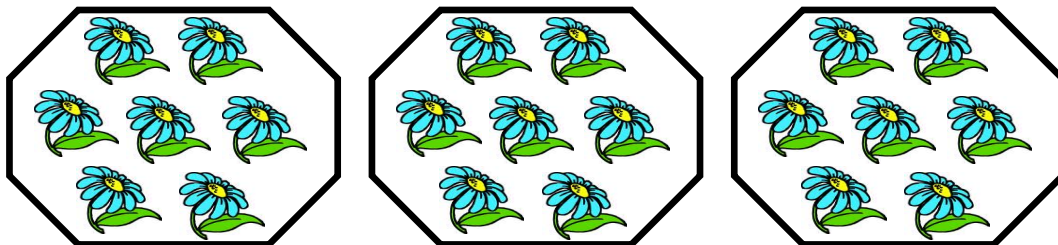
Name: \_\_\_\_\_

Class: \_\_\_\_\_

**CALCULATORS ARE ALLOWED BUT ALL NECESSARY WORKING MUST BE SHOWN.**

**ANSWER ALL QUESTIONS**

1. a) How many flowers are there **in all**?



Answer \_\_\_\_\_

- b) How many **groups of 7** can I make?



$$21 \div 7 = \square$$

(4 marks)

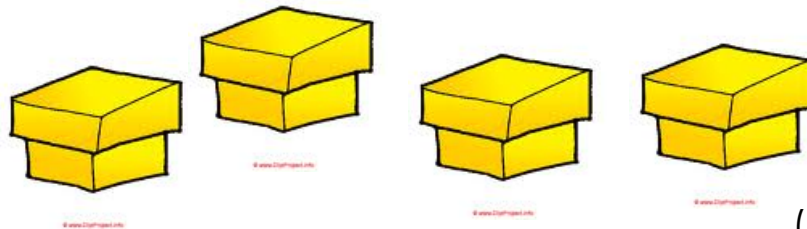
2. a) A packet has **6 biscuits**.  
How many biscuits in **3 packets**?



Answer \_\_\_\_\_

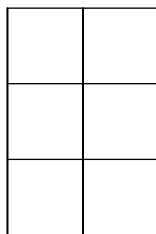
- b) **Four** boxes together weigh **52 kg**.

**One** box weighs \_\_\_\_\_.

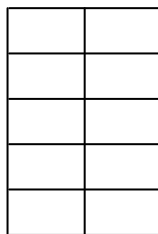


(4 marks)

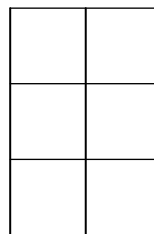
3. a) Shade:



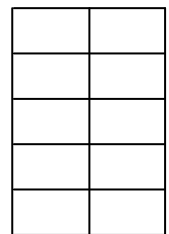
$$\frac{4}{6}$$



$$\frac{8}{10}$$



$$\frac{2}{3}$$



$$\frac{4}{5}$$

- b) Match the equivalent fractions.

(i)  $\boxed{\frac{4}{6}} = \boxed{\phantom{00}}$

(ii)  $\boxed{\phantom{00}} = \boxed{\frac{4}{5}}$

(6 marks)

Name : \_\_\_\_\_

Class : \_\_\_\_\_

4. a) Fill in with: months, hour, minutes, years.

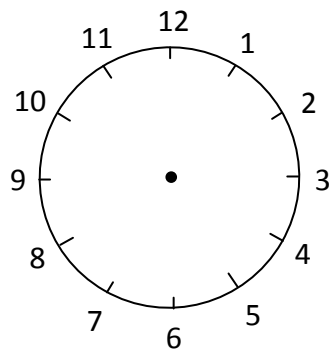
(i) There are 60 \_\_\_\_\_ in 1 \_\_\_\_\_.

(ii) Football World Cup Competition is done every 4 \_\_\_\_\_.

(iii) Baby Karl is 10 \_\_\_\_\_ old.

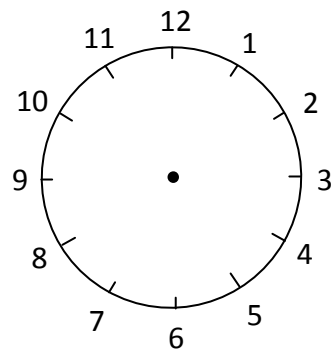
b) Draw the hands of the clock.

(i)



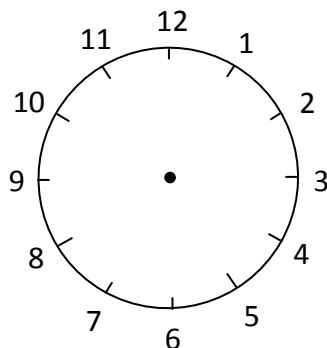
quarter past six

(ii)



quarter to eight

(iii)



2.30 p.m.

5. Maria buys some objects.

(a) Work out the bill for her.

	Working	Cost
2 pots at €1.30 each		
3 packets of seeds at 60c each		
1 bag of compost at €2.10	€2.10	
<b>TOTAL</b>		

b) How many  euro coins does she need?

Answer \_\_\_\_\_

c) She pays with a **ten euro note**.

What **change** does she get?



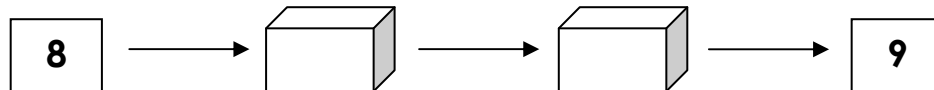
Answer \_\_\_\_\_

(10 marks)

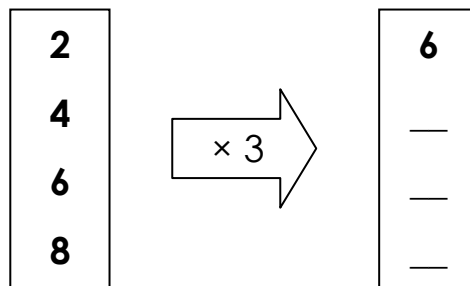
Name : \_\_\_\_\_

Class : \_\_\_\_\_

6. a) A number machine adds 2 and then takes away 1.  
Fill in this **number machine**.



- b) Work out the **outputs**.






(5 marks)

7. What comes next?

a) 7, 10, 13, \_\_\_\_, \_\_\_\_.

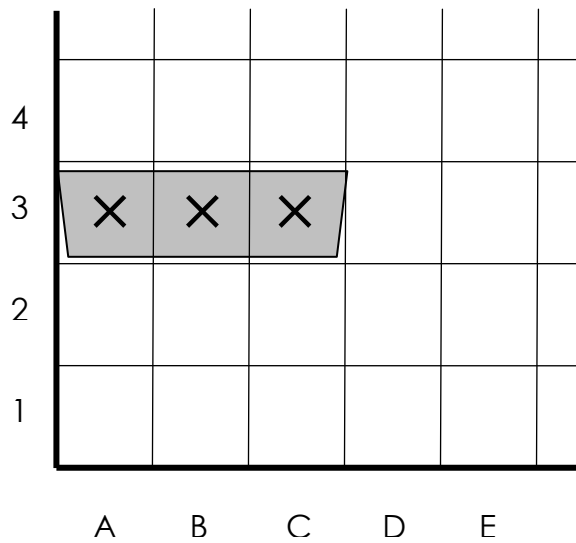
b) 15, 10, 5, \_\_\_\_.

c)    \_\_\_\_

(4 marks)

8. a) Tony and Maria are playing the battle ship game.

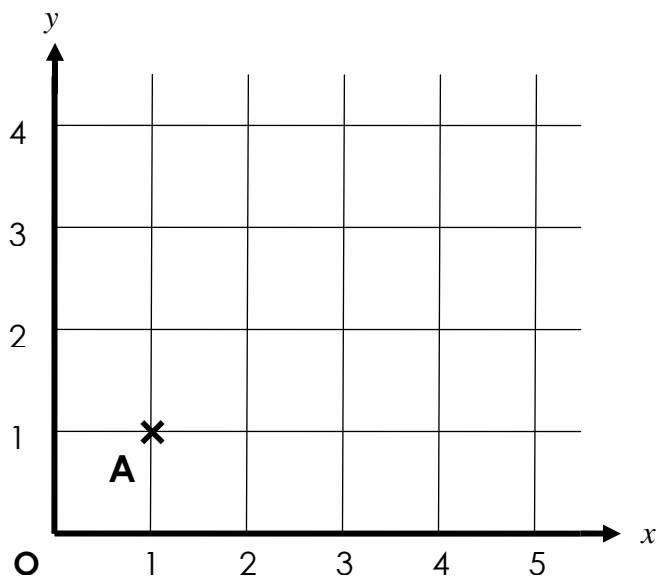
This is Tony's sheet.



Which squares show the ship?

(A, 3), ( \_\_, \_\_), ( \_\_, \_\_).

b) Plot the points **B (2, 4)** and **C (4, 1)**

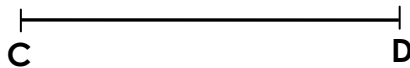
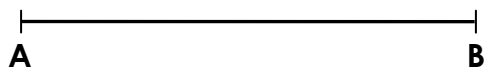


Join A to B, B to C and C to A.  
What shape is formed?

Answer \_\_\_\_\_

(5 marks)

9. a) Which is the longer line, AB or CD?



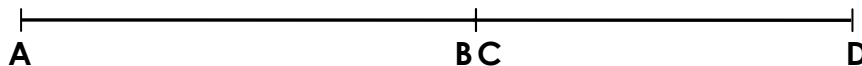
Answer \_\_\_\_\_

- b) Fill in:

Line AB is \_\_\_\_\_ cm long.

Line CD is \_\_\_\_\_ cm long.

- c)

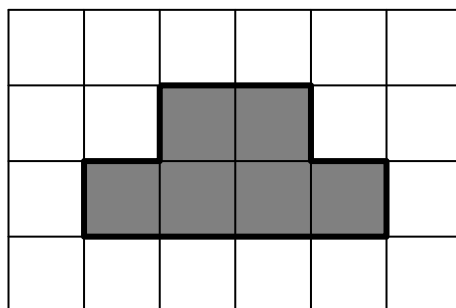


If I put the lines together, end to end,

AD is \_\_\_\_\_ cm long.

(4 marks)

10. Look at the shaded shape. Each square has sides of 1 cm.



- a) The **perimeter** of the shaded shape is \_\_\_\_\_ cm long.

- b) The **area** of the shaded shape is \_\_\_\_\_ cm<sup>2</sup>.

(3 marks)

11. a) Timmy and Pat are playing this board game.

16	15	14	13
9	10	11	12
8	7	6	5
1	2	3	4

They start at 1.

- (i) Timmy moves  $\uparrow 2$ ,  $\rightarrow 3$ ,  $\downarrow 1$ . He is on square \_\_\_\_\_.
- (ii) Pat moves **3 right, 3 up, 1 left**. She is on square \_\_\_\_\_.
- (iii) Who is on the larger number? \_\_\_\_\_.

- b) Maurice is using LOGO commands. He types:

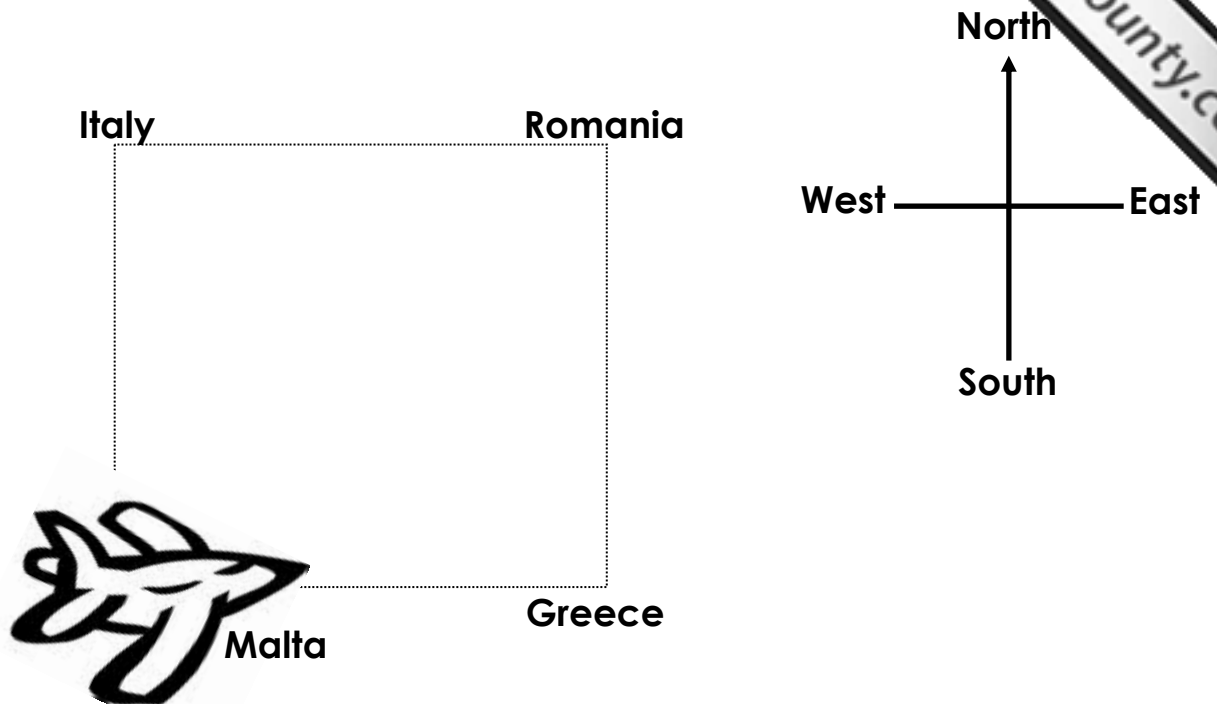
**PD RT 90 FD 50 LT 90 FD 50 BK 100.**

Use these commands to draw the turtle's path.



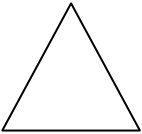
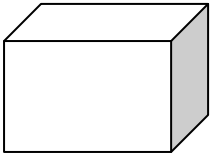
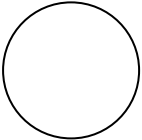
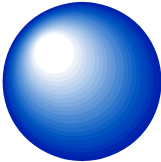
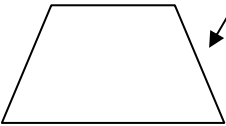
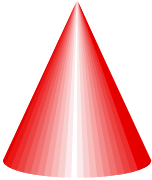
(6 marks)

12. a)



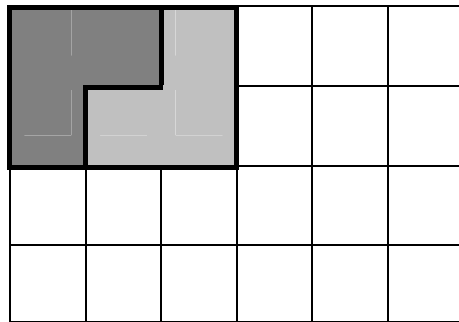
- (i) From Malta to Greece, the aeroplane flies \_\_\_\_\_.
- (ii) From Greece to Romania, the aeroplane flies \_\_\_\_\_.
- (iii) From Romania to Italy, the aeroplane flies \_\_\_\_\_.
- (iv) From Italy to Malta, the aeroplane flies \_\_\_\_\_.

b) **Match:**

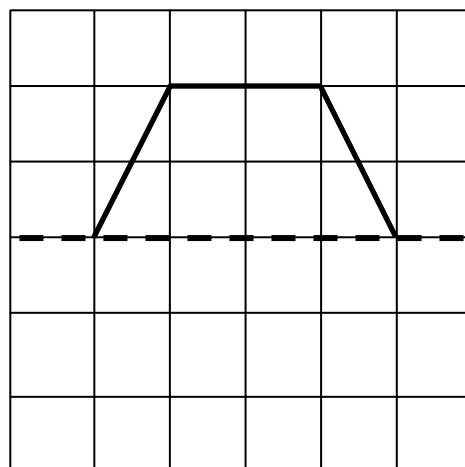
	Quadrilateral	
	Cuboid	
	Triangle	
	Cone	
	Circle	
	Sphere	

(7 marks)

13. a) Draw two other similar patterns.



b) Complete the figure to make it symmetrical.













Mirror line

(2 marks)

14. a) This pictogram shows the number of cars some families

have.

Family of	Cars	Number
Mr Borg	  	
Ms Fenech	 	
Dr Tabone	   	
Ms Attard		

(i) Complete the table.

Fill in:

(ii) \_\_\_\_\_ has **most** cars.

(iii) Family of Ms Fenech has \_\_\_\_\_ cars.

(iv) There are \_\_\_\_\_ cars **in all**.

b) Fill in:

We can drive cars on one wheel. \_\_\_\_\_

**(Certain, Likely, Unlikely, Impossible.)**

(6 marks)

**END OF PAPER**