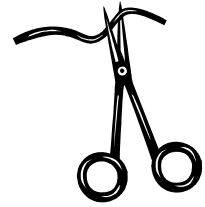| Question	1	2	3	4	5	6	7	8	9	10	11	12	Total
Mark													

DO NOT WRITE ABOVE THIS LINE

Name : _____   **Class :** _____

INSTRUCTIONS TO CANDIDATES

- **Answer all questions.**

- **This paper carries 40 marks.**

- **Calculators and protractors are not allowed.**

1. Joe has a piece of string 180 cm long.

   He cuts it up into 6 **equal** pieces.

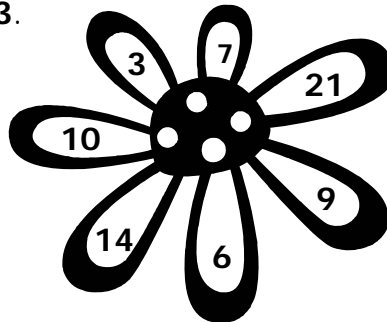   How long is **one** of the pieces?

   _____cm

   (2 Marks)

2. Mary buys one ice-cream for each of her **4** friends.

   One ice-cream costs **23 cents**.

   How much does she spend in all?

   _____cents

   (2 Marks)

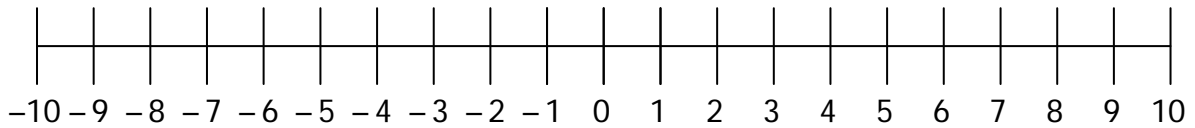3. Shade in all the **multiples of 3**.

   (4 Marks)

4. At **8:15 a.m**. we started waiting for Bus Number **10**.

   Bus Number 2 came after **20 minutes**.

   After another **15 minutes**, Bus Number **10** arrived.

   At what time did **Bus Number 10** arrive?

   _____a.m.

   (4 Marks)

5. Use the **number line** to work out the questions.

$$-10\ -9\ -8\ -7\ -6\ -5\ -4\ -3\ -2\ -1\ \ 0\ \ 1\ \ 2\ \ 3\ \ 4\ \ 5\ \ 6\ \ 7\ \ 8\ \ 9\ \ 10$$

(a) What number is three **more** than four?   _____

(b) What number is five **less** than two?   _____

(c) Work out: (i) $(+4)+(-1)$ _____

        (ii) $(-4)+(-4)$ _____

_____ **(4 Marks)**

6. Work out:

(a) $4 \times 2 + 2 \times 3$ (b) $2 + 15 \div 3$

        _____   _____

_____ **(4 Marks)**

7. Work out:

(a) 6×20 _____

(b) 6×3 _____

(c) Now work out 6×23.   _____

_____ **(3 Marks)**

8. Draw a sketch using these **LOGO** commands. The turtle is at the starting position.
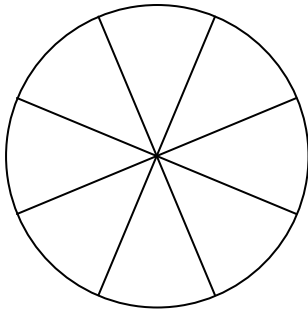
PD
FD 100
RT 90
FD 100
LT 90
FD 100

_____ **(4 Marks)**
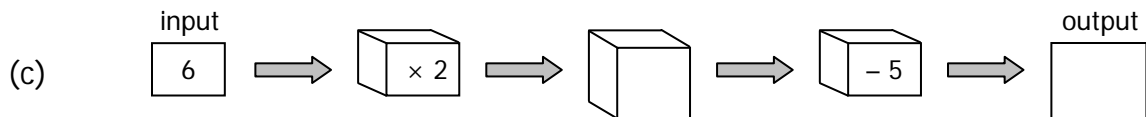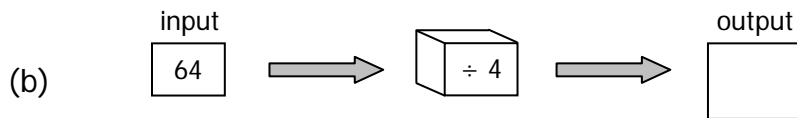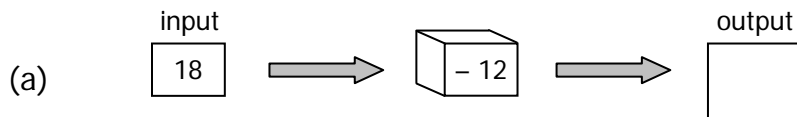
9.

(a) **Shade** $\frac{1}{4}$ of the whole circle.

(b) Use a different colour and **shade** $\frac{1}{2}$ of the whole circle.

(c) What fraction of the whole circle is **not shaded**?

_____

_____ **(3 Marks)**

10. Fill in these number (function) machines:

(a)
input
18 ⟹ – 12 ⟹ output

(b)
input
64 ⟹ ÷ 4 ⟹ output

(c)
input
6 ⟹ × 2 ⟹ ⟹ – 5 ⟹ output

_____ **(4 Marks)**
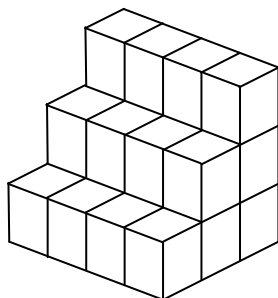
11. From this list of numbers, pick out 4 different **pairs** of numbers that add up to **40**.

15,   29,   5,   10,   20,   11,   30,   20,   35,   25

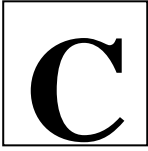|				
Example	15	+	25	**= 40**
(a)		+		**= 40**
(b)		+		**= 40**
(c)		+		**= 40**
(d)		+		**= 40**

_____ **(4 Marks)**

12.

Maria builds this shape using blocks.
Each block is 1 cm^3.

What is the volume of the shape?

_____cm^3

_____ **(2 Marks)**

End of Paper

C SECONDARY SCHOOL ANNUAL EXAMINATIONS 2007

Educational Assessment Unit –Education Division

FORM 1　　　　　　**MATHEMATICS - Scheme C**　　　　**Time: 1h 15min**
(Main Paper)

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

DO NOT WRITE ABOVE THIS LINE

Name : _____　　　　　Class : _____

ANSWER ALL QUESTIONS.

1.　　Enter **20** on your calculator.
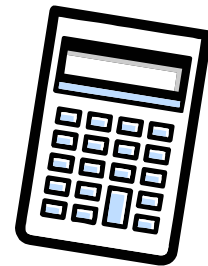
　　(a) **Divide** by 4. What is the 5 worth?

　　　　_____

　　(b) **Divide** the answer by 4 again. What is the 5 worth now?

　　　　_____

　　(c) **Multiply** the answer by 2. What is the 5 worth now?

　　　　_____

　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　(3 Marks)
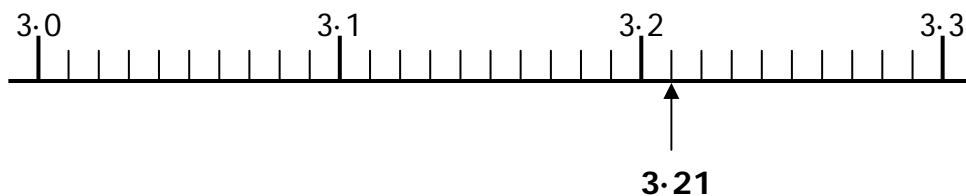
2.　　(a) Jonathan is in a shop. **Complete** the bill.

Item	Price	Total Cost
5 bags of crisps	15 cents each bag	
2 rolls of sweets	6 cents each roll	
8 packets of mints	11 cents each packet	
Grand Total	**Lm　·**	

　　(b) Jonathan pays with a **Lm5 note**.
　　　　What change does he receive?

　　　　　　　　　　　　　　　　　　　　Lm_____·_____

　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　(5 Marks)

3. Look at this number line:

3·0   3·1   3·2   3·3

3·21

(a) Put these numbers in their **correct place** on the number line.
The first one is done for you.
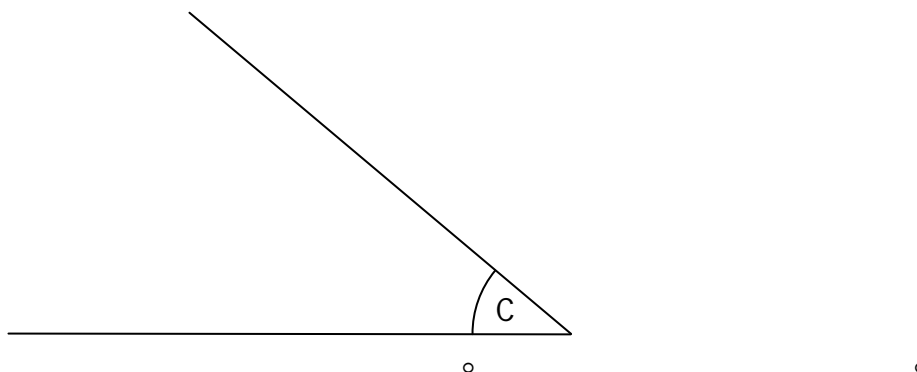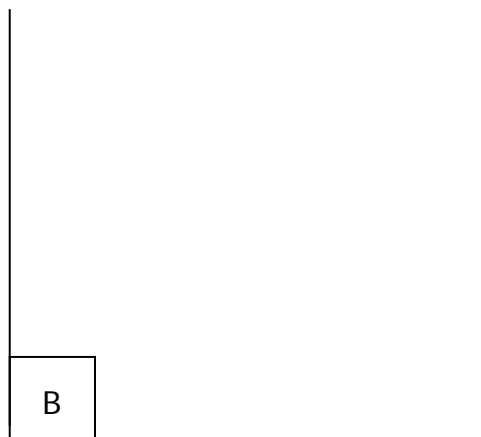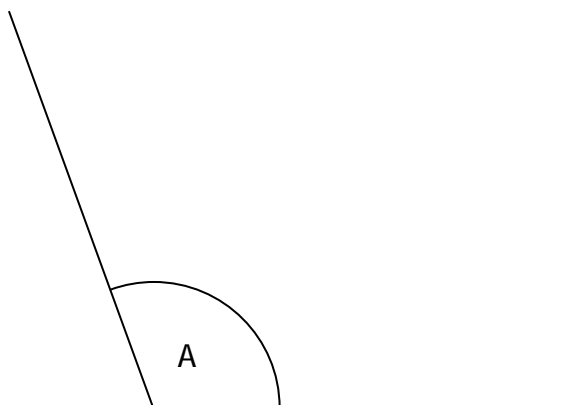
3·21,   3·06,   3·29,   3·1,   3·02,   3·17

(b) Write down these 6 numbers in order, **smallest first**.

_____

_____ **(4 Marks)**

4. (a) **Measure** these angles using a protractor.

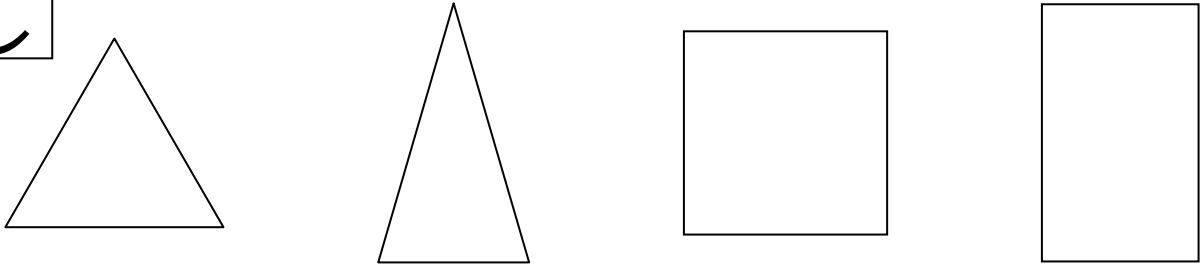Angle A = _____   Angle B = _____   Angle C = _____

(b) Use the words **a right angle, an acute angle, an obtuse angle, a reflex angle**
to complete:

Angle A is _____.   Angle B is _____.
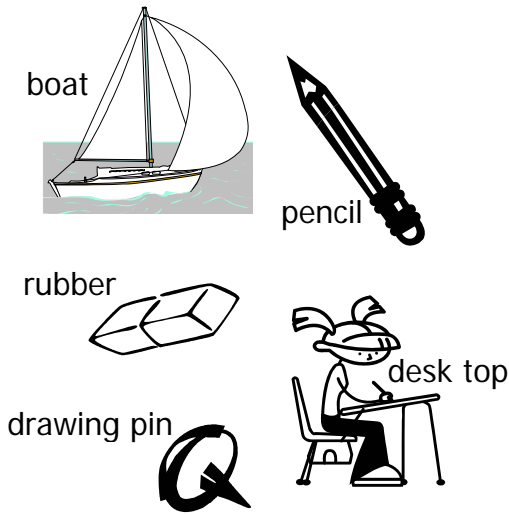
_____ **(5 Marks)**

C

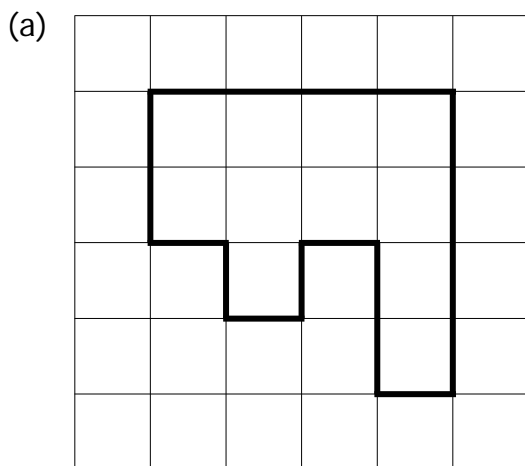5.   Draw **all** the lines of **symmetry**.

(4 Marks)

6.   **Match** each object to its length.

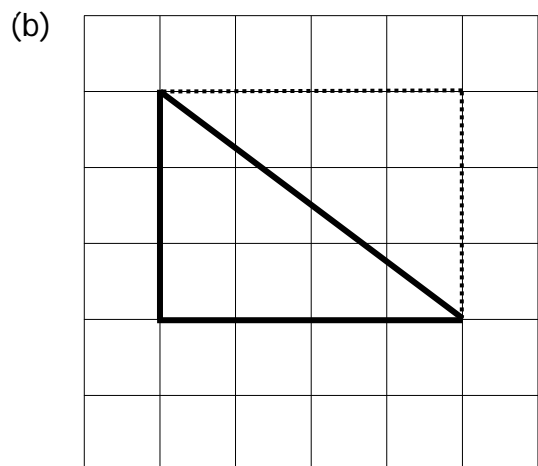| Object	Length
	6 m
	40 mm
	18 cm
	10 mm
	60 cm

(5 Marks)

7.   On the grid, each side of a square represents 1 cm.

(a)

(b)

Find the **perimeter** of the shape.

Perimeter =_____cm
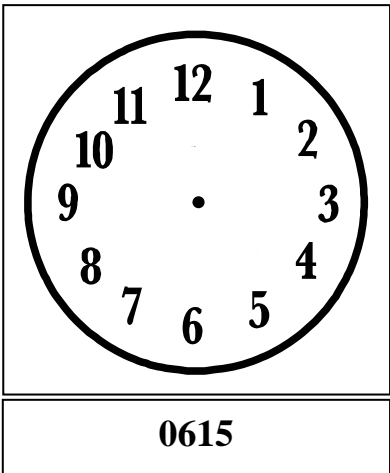
Find the **area** of the triangle.

Area =_____cm²

(5 Marks)

8.   (a) Round 274 to the nearest 10.   _____

      (b) Round Lm36·57 to the nearest Maltese Lira.   Lm_____

      (c) A pencil is 12·8 cm long. Round this length to the nearest cm.

                                                              _____ cm

      (d) There are 2735 people. Round this number to the nearest 100.

                                                              _____ people

                                                              (4 Marks)

9.   **Draw** the hands of the clock to show the time.

      (a)   (b)

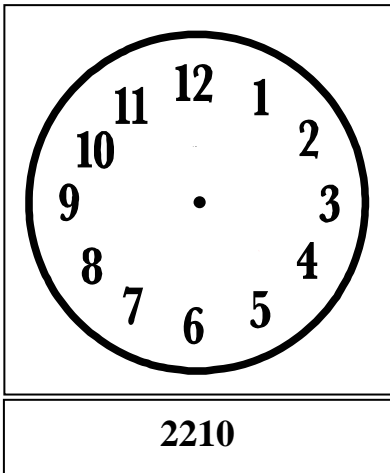
      0615   2210

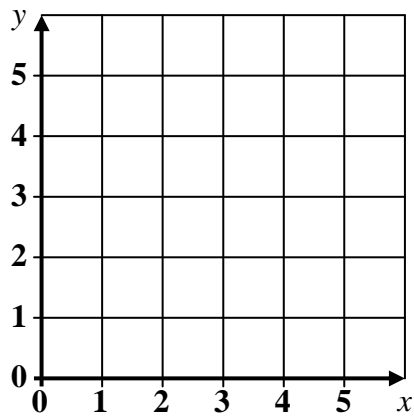   **(4 Marks)**

10.   (a) **Plot** the following points and **join** them up:

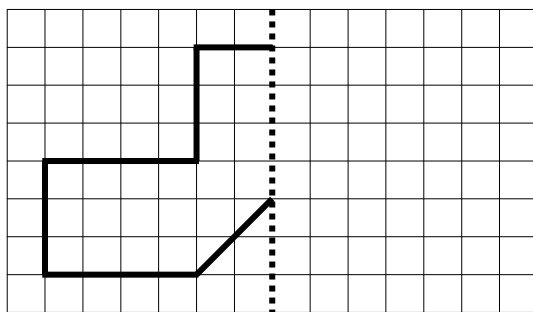   **(2, 1) → (2, 3) → (1, 3) → (3, 5) → (5, 3) → (4, 3) → (4, 1) → (2, 1)**

      (b) What shape have you drawn?
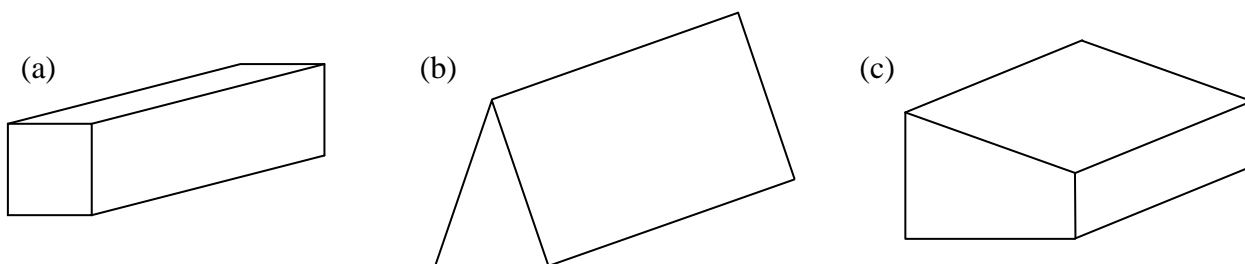
                _____

                                                              (5 Marks)

11. Complete the symmetrical shape. The dotted line is the line of symmetry.

(5 Marks)

12. Complete the table. The first one is done for you.

(a)

(b)

(c)

	Shape	Number of faces	Number of vertices	Number of edges
(a)	Cuboid	6	8	12
(b)	Triangular Prism			
(c)	Prism			

(6 Marks)

13. (a) Write these numbers in order, **smallest** first.

3, 4, 7, 10, 2, 3, 7, 3, 6

—— —— —— —— —— —— —— —— ——

Use the above numbers to find:

(b) the **mode** of this set of numbers. _____

(c) the **mean** of this set of numbers. _____

(5 Marks)

End of Paper