SECONDARY SCHOOL ANNUAL EXAMINATIONS 2008
DIRECTORATE FOR QUALITY AND STANDARDS IN EDUCATION
Educational Assessment Unit

D

FORM 1	**MATHEMATICS − SCHEME D**	**TIME: 30 minutes**
	(NON-CALCULATOR PAPER)	

Name: _____   Class: _____

Mark

INSTRUCTIONS TO CANDIDATES

- **Answer all questions.**

- **This paper carries 40 marks.**

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

1. Write in figures:

a) nine   _____

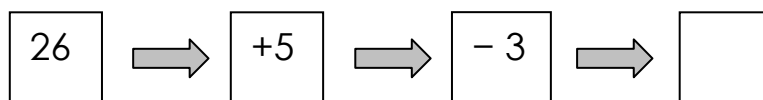b) nineteen   _____

c) ninety-nine   _____

2. Put this group of numbers in order, starting with the **smallest**.

| 44 | 46 | 41 |
| 40 | | 49 |

____ ____ ____ ____ ____

3. Complete this number machine:

26 ⟹ +5 ⟹ − 3 ⟹ ☐

4. Fill in:

a)   6 × 10 = ☐

b)   2 × ☐ = 200

c)   ☐ × 100 = 1000
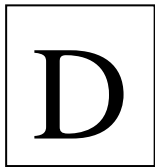
5. Share these buns equally among Mary, Ann and Tony.
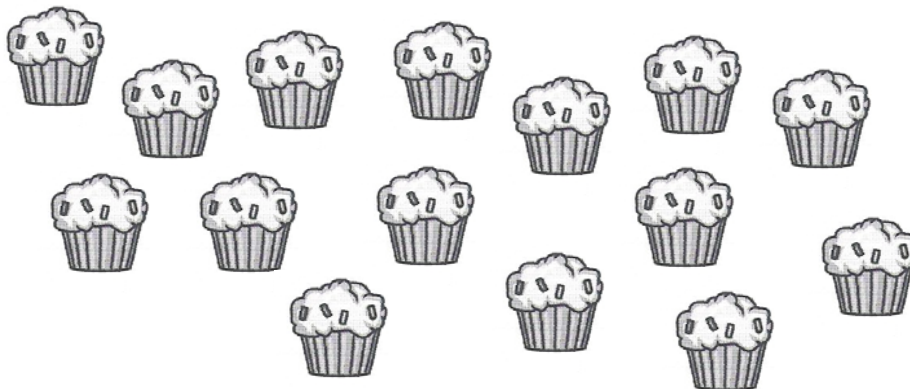
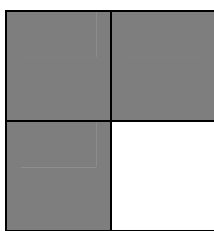_____ buns each.

(3 marks)

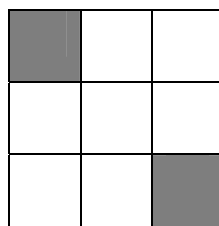6. a) How many parts are shaded?

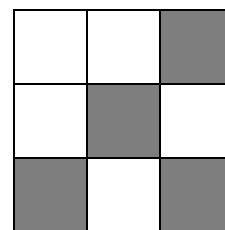i)   ii)   iii)

___ parts of 4   ___ parts of 9   ___ parts of 9
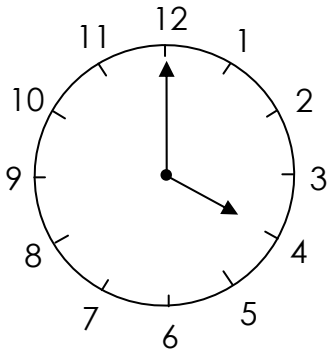
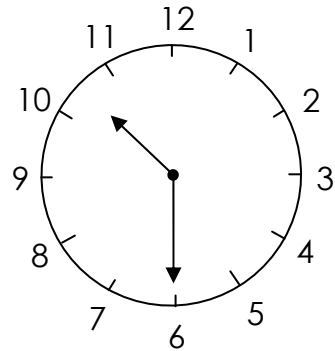b) Write the answers to part (a) as a fraction.

$$= \frac{\Box}{\Box} \qquad = \frac{\Box}{\Box} \qquad = \frac{\Box}{\Box}$$

(6 marks)

7. What is the time?

_____   _____

(4 marks)

8. Complete:
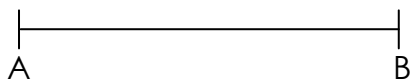
€2.00 = [   ] cent

€5.32 = [   ] cent

€9.50 = [   ] cent

(3 marks)

9. a) Use your ruler to measure the line AB.
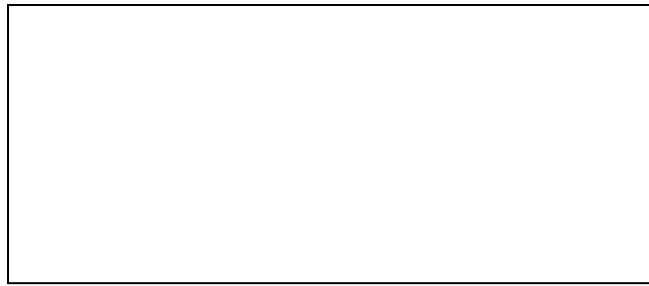

A   B

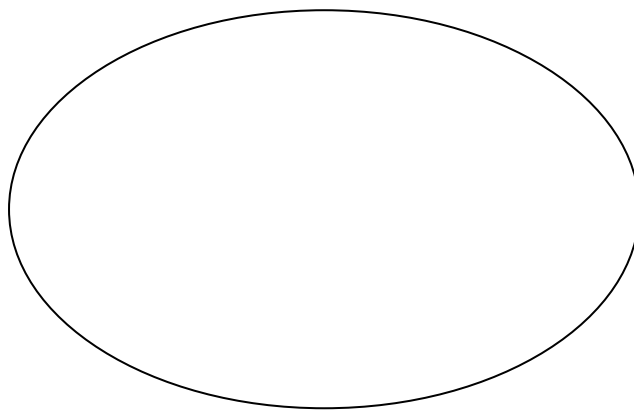_____ cm

b) Draw a line 4 cm long.

(2 marks)

10. Draw the **lines** of symmetry:

a)

b)

(4 marks)

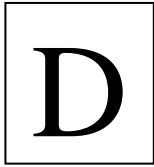11. a) Complete this pattern:

3,   6,   9,   _____ ,   _____ ,   _____ .

b) The rule is _____ .

c) Complete this pattern using the same rule.

20,   _____ ,   _____ .

(6 marks)

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SECONDARY SCHOOL ANNUAL EXAMINATIONS 2008
DIRECTORATE FOR QUALITY AND STANDARDS IN EDUCATION
Educational Assessment Unit

D

| FORM 1 | | | | | MATHEMATICS SCHEME D (MAIN PAPER) | | | | | | | | | TIME: 1h 30min | | |

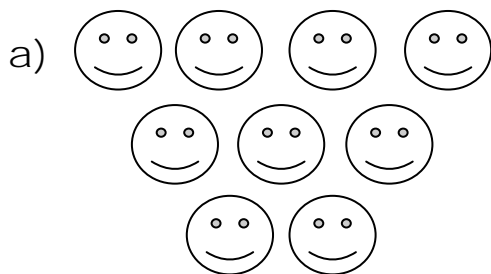| Question	1	2	3	4	5	6	7	8	9	10	11	12	Total Main	Non Calculator	Global Mark	
Mark																

DO NOT WRITE ABOVE THIS LINE

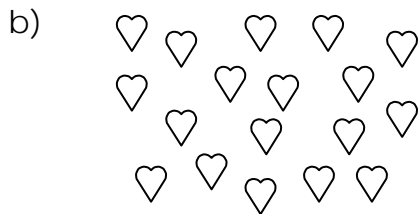Name:_____   Class:_____

CALCULATORS ARE ALLOWED

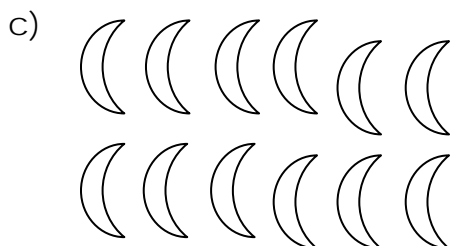## ANSWER ALL QUESTIONS

1. Count the objects and then write the answer to the nearest ten:
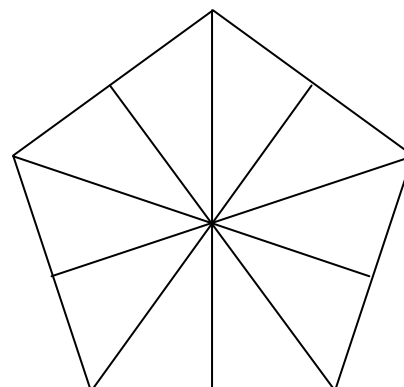

a)   Number   Nearest Ten
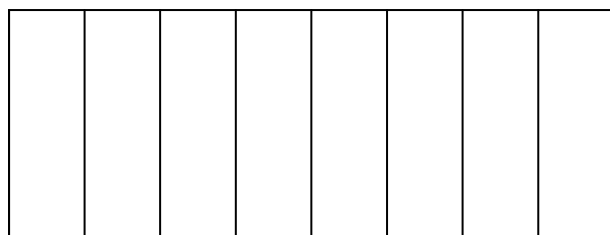
_____   _____

b)

_____   _____

c)

_____   _____

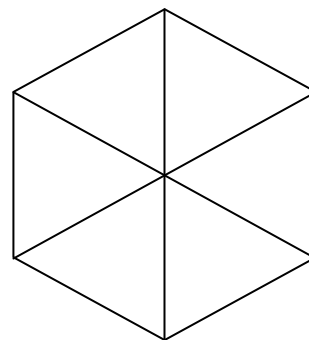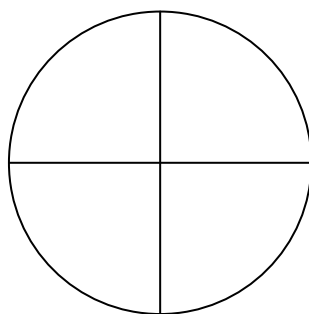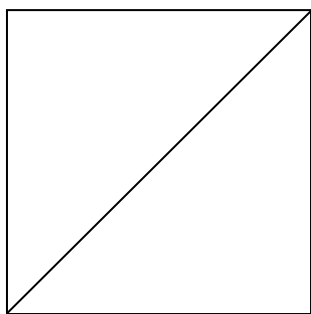*(6 marks)*

2. a) Shade **half** of each shape.

b) Using the shapes above, circle the fractions that are equal to $\frac{1}{2}$.

$$\frac{3}{4}, \quad \frac{2}{4}, \quad \frac{3}{6}, \quad \frac{5}{6}, \quad \frac{1}{2}, \quad \frac{4}{8}, \quad \frac{6}{10}, \quad \frac{5}{10}.$$

(10 marks)

3. a) Use this calendar to answer the questions below.

D

June 2008

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

    i) 6th June was a Friday; 1st June was a _____ .

    ii) There are _____ Mondays in June.

    iii) There are _____ days in June.

    iv) There are _____ full weeks (Sunday to Saturday) in June.

b) It is _____ **(certain/likely/impossible)** that the

weather in June is sunny.

(5 marks)

4.   Joseph buys these things:

A pen	€0.25
A file	€2.12
A notebook	€1.36
TOTAL	€_____

a)   How much does he spend in all?   € _____

b)   What change does he get from a €5 note?

€ _____

5.   Use these commands to draw the turtle's path.
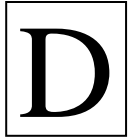Start from the turtle.

PD

BK 100

RT 90
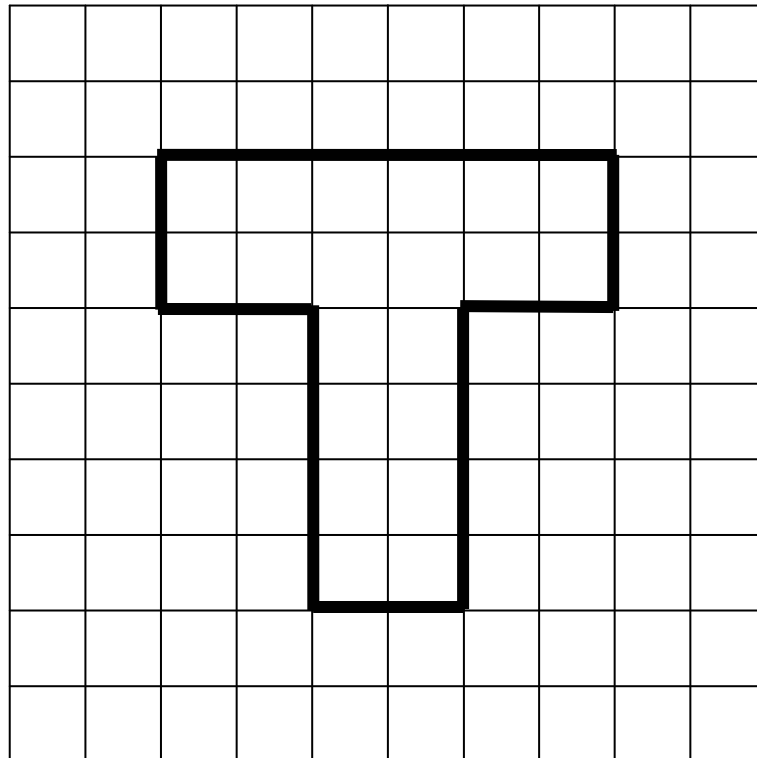
FD 50

6.

Each small square is of side 1cm.
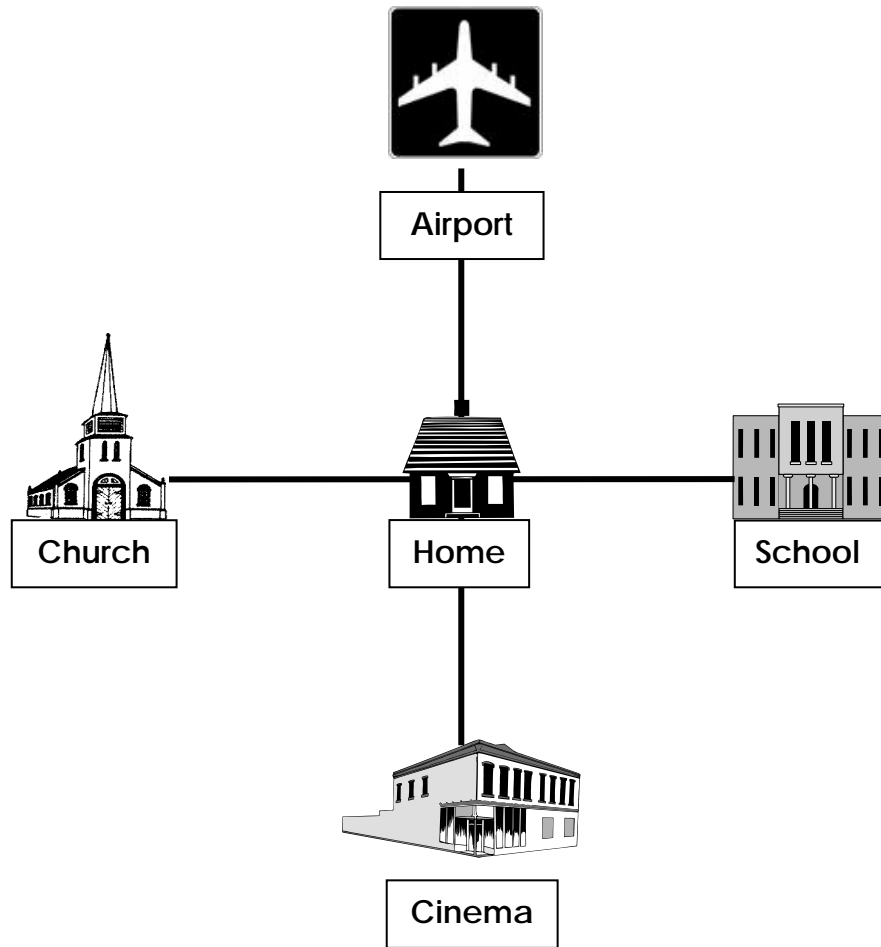
a)   Find the **area** of the shape.

_____cm²

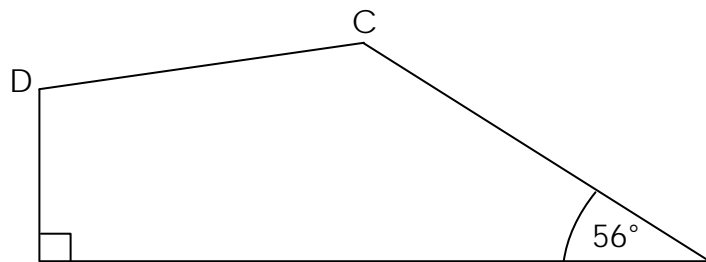b)   Find the **perimeter** of the shape.

_____cm

(4 marks)

7. Complete:

a) The **Airport** is (north /south) of **Home**. _____

b) The _____ is east of **Home**.

c) The **Cinema** is (north /south) of **Home**. _____
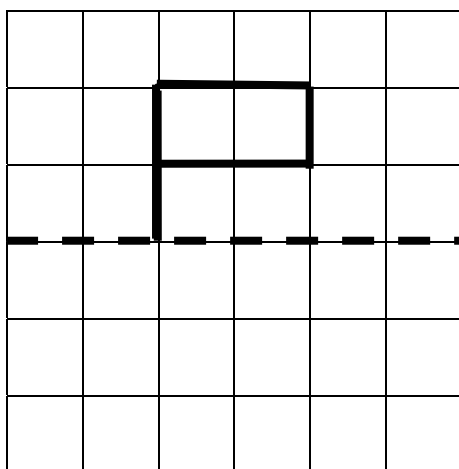
d) The _____ is west of **Home**.

(4 marks)

8.

a) Put the letter **A** near the **right angle**.

b) Put the letter **B** near the **acute angle**.

c) Angle C is _____ (**an obtuse, an acute, a right**)angle.

d) Angle D is _____ (**smaller/larger**) than the **right** angle.

(4 marks)

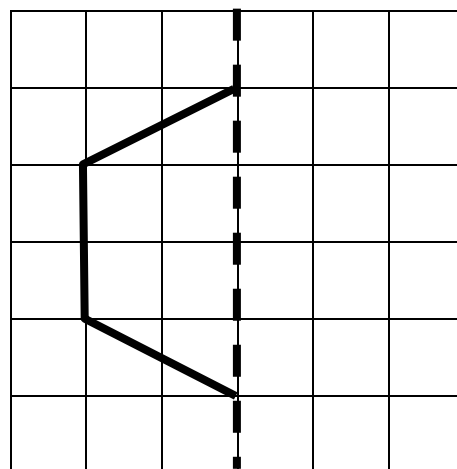9.   Draw the other half of the picture using the **line of symmetry**.
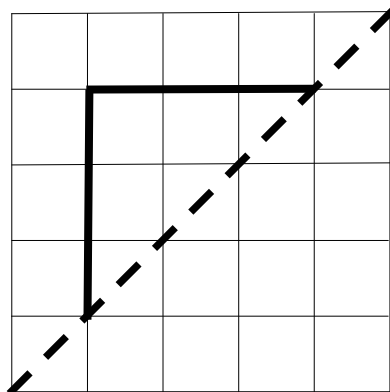   a)   b)

    c)

(6 marks)

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10. a) Use your compasses to draw a **circle of radius 4cm**.
    Use O as the centre of the circle.

O

b) On the circle above, **draw** and **label** the **radius** OP.

(4 marks)

11. This is a grid.

	A	B	C	D	E
1					
2					
3					
4					
5					

a)   On the grid, shade the cells

B1,   C1,   D1,   C2,   C3,   C4.

b)   What letter can you see?

The letter _____ is formed.

(5 marks)

12. The table below shows how the students in class go to school.

5	**Walk**
8	**Bus**
4	**Car**

a) Draw a **bar chart** to show this information.
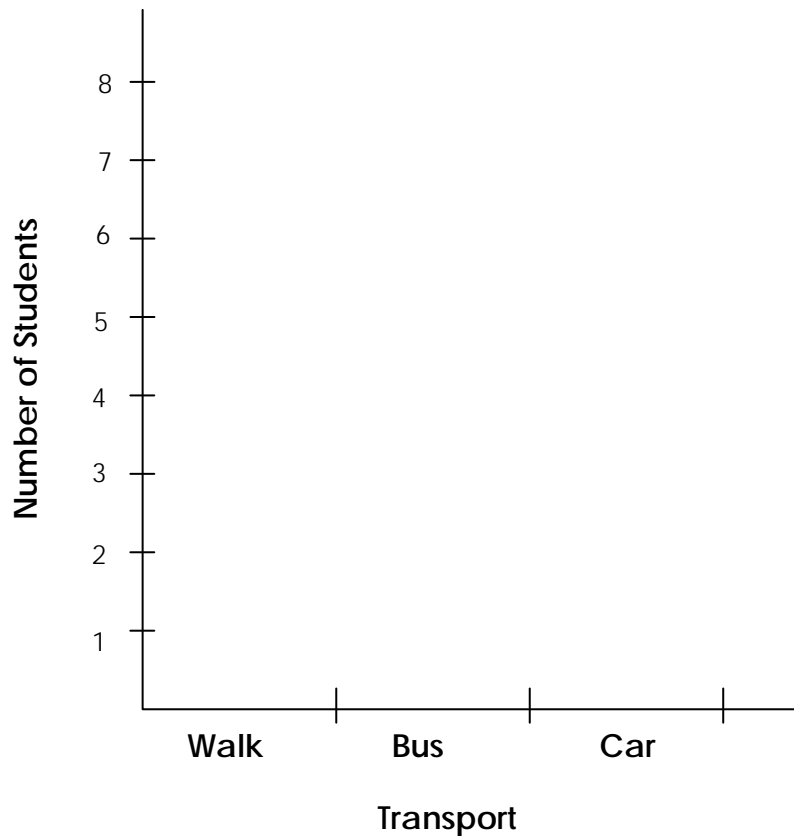
b) How many students are there, altogether, in class?

_____ students

(5 marks)

End of Paper