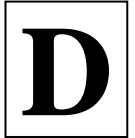


SECONDARY SCHOOL ANNUAL EXAMINATIONS 2009

Directorate for Quality and Standards in Education
Educational Assessment Unit



FORM 1

MATHEMATICS SCHEME D

TIME: 30 minutes

Non-Calculator Paper

Name: _____

Class: _____

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

Instructions to Candidates

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

1. Fill in:

a) $8 + \square = 10.$

b) $\square + 6 = 10.$

c) $15 + \square = 20.$

d) $\square + 3 = 20.$

(4 marks)

2. Work out:

a) $60 + 50 = \underline{\hspace{2cm}}$

b) $80 - 60 = \underline{\hspace{2cm}}$

(2 marks)

3. $67 + 28$ is about

a) 80

b) 100

c) 150

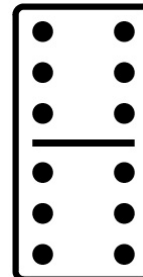
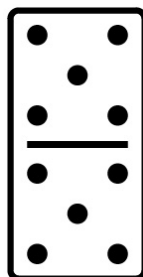
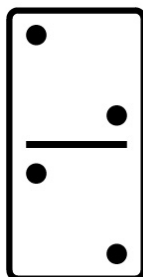
(1 mark)

Name : _____

Class : _____

D

4.



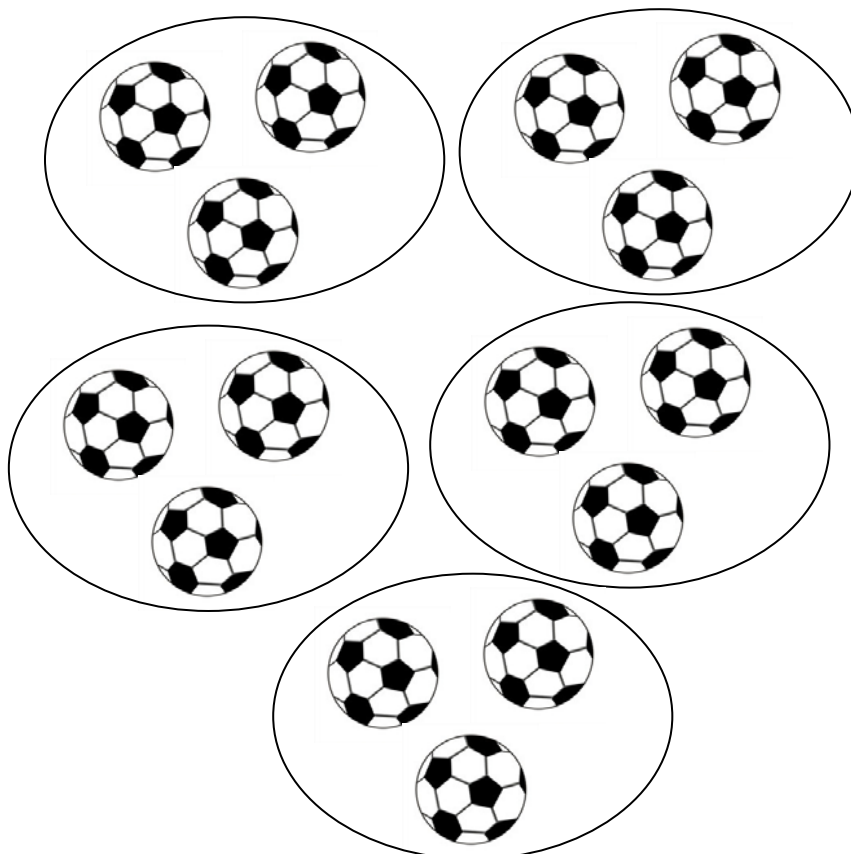
a) $2 \times 2 =$ _____

b) $5 \times 2 =$ _____

c) $6 \times 2 =$ _____

(3 marks)

5.



I have five sets of three balls.

So, I have $5 \times 3 =$ _____ balls

(2 marks)

6. a) Find the total.



20c



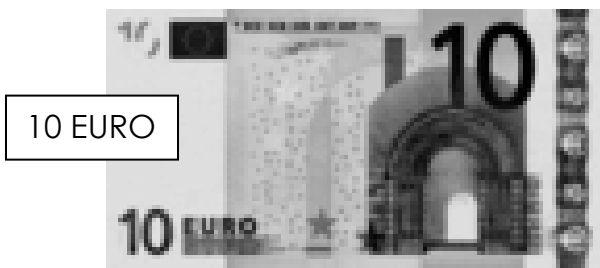
10c



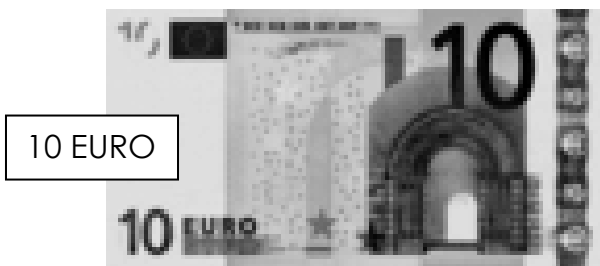
5c

Ans: _____ cent

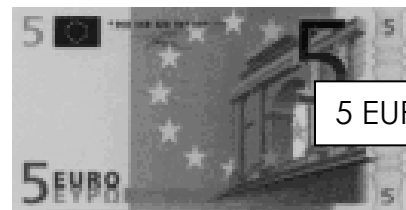
b) Find the total.



10 EURO



10 EURO



5 EURO

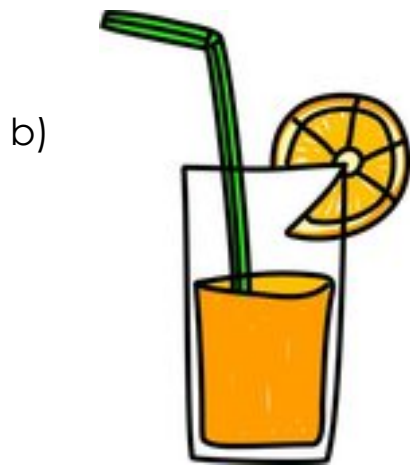
Ans: _____ Euro

(2 marks)

7. Write, correct to the nearest euro, the price of each item.



an ice cream: €1.05 → € _____



one drink: 90c → € _____



french fries: €1.85c → € _____

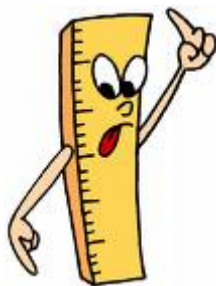
(3 marks)

8.



a) 1 kilogram = _____ grams

b) 1 metre = _____ centimetres



c) 4.5 kg = _____ g

d) 3 m = _____ cm

(4 marks)

9. Here is a number line.

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

a) Circle the next 2 numbers on the number line below.

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

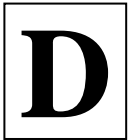
b) The **difference** between the terms in the circles is _____.

c) The **rule** of the pattern in the circles is _____.

(4marks)

SECONDARY SCHOOL ANNUAL EXAMINATIONS 2009

Directorate for Quality and Standards in Education
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FORM 1

MATHEMATICS SCHEME D

TIME: 1h 30min

Main Paper

Question	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Total Main	Non Calculator	Global Mark
Mark																					

DO NOT WRITE ABOVE THIS LINE

Name: _____

Class: _____

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

CALCULATORS ARE ALLOWED

ANSWER ALL QUESTIONS

1. a) **Add**

$$\begin{array}{r} 300 \\ 20 \\ + 6 \\ \hline \end{array}$$

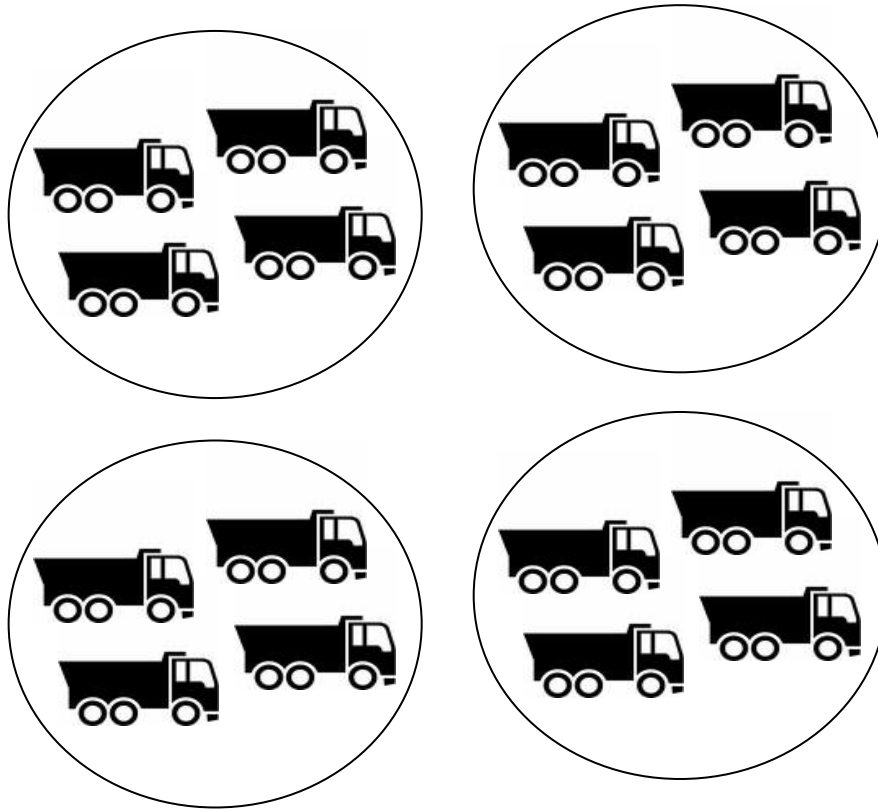
b) How many **hundreds** do I have? _____

c) How many **tens** are there? _____

d) How many **ones** are there? _____

(4 marks)

2.

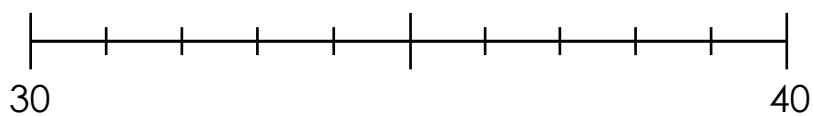


a) How many **groups** of trucks do I have? _____

b) How many trucks do I have **in all**? _____

(3 marks)

3. Use the number line to work out:



a) $33 + 6 =$ _____

b) $39 - 7 =$ _____

(2 marks)

Name : _____

Class : _____

D

4. Follow the trail:

a) $\boxed{12} \xrightarrow{+5} \boxed{} \xrightarrow{+8} \boxed{}$

b) $\boxed{25} \xrightarrow{-3} \boxed{} \xrightarrow{-7} \boxed{}$

(4 marks)

5. Work out:

$$30 \times 5 = \boxed{}$$

$$6 \times 5 = \boxed{}$$

$$36 \times 5 = \boxed{}$$

(4 marks)

6. I share **26 sweets** equally between **Mary and Tony**.
How many sweets does **each** receive?

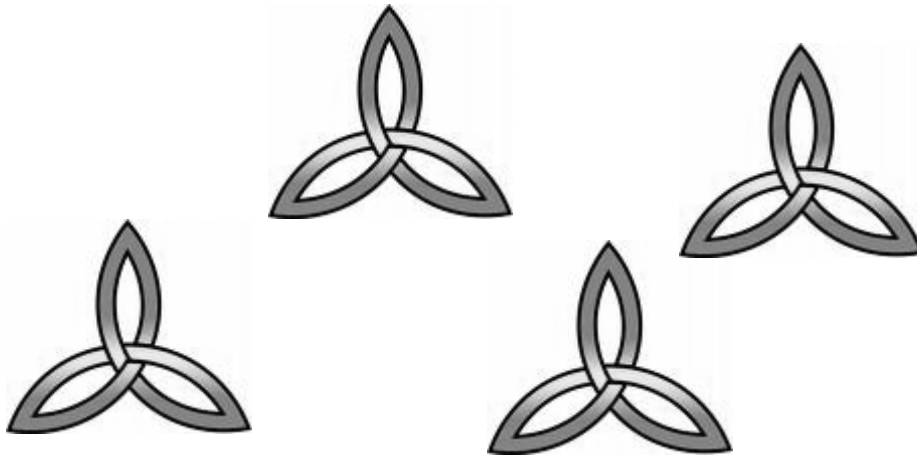


Mary gets _____ sweets.

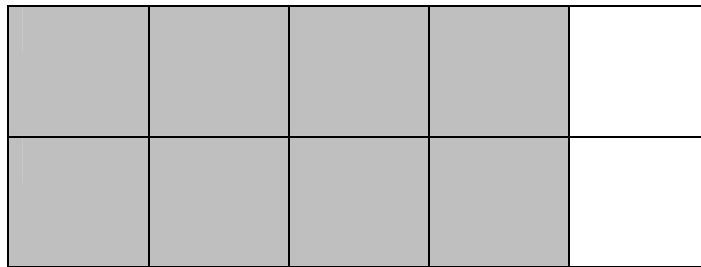
Tony gets _____ sweets.

(4 marks)

7. a) Shade $2\frac{2}{3}$.



b) What **fraction** is shaded?



$$\frac{\boxed{8}}{\boxed{}} = \frac{\boxed{}}{\boxed{5}}$$

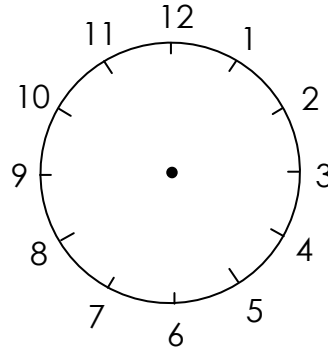
(4 marks)

Name : _____

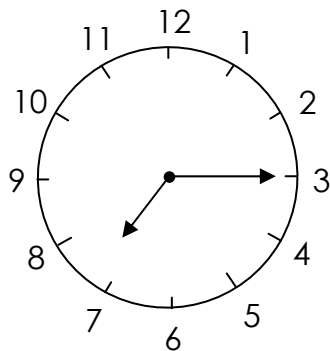
Class : _____

D

8. a) 1 day has _____ hours.
b) 1 hour has _____ minutes.
c) Show **half past nine** on this clock.



- d) Write the time shown on this clock.



_____ : _____

(5 marks)

9. a) Work out this bill:

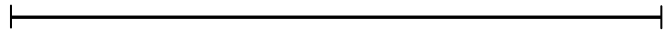
	Space for working	Cost
2 rulers at €0.30 each		
1 pencil at €0.23		
3 copybooks at €0.25 each		
TOTAL		

- b) What **change** do I get if I pay with a €2 coin?

Ans: _____

(7 marks)

10. a) How long is this line?



_____ cm = _____ mm

b) Draw a line **5 cm 5 mm** long. Start at point **A**.

•
A

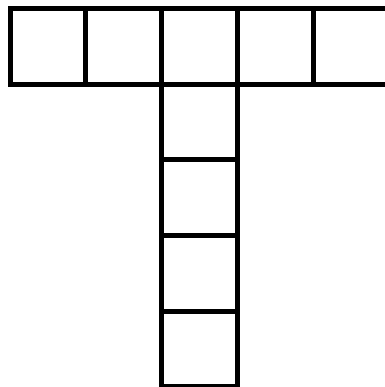
c) Line **P** is (equal to, shorter than, longer than) line **Q**.



Ans: _____

(4 marks)

11. Each square is of side 1 cm.



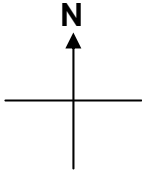
a) The **perimeter** of the shape is _____ cm.

b) The **area** of this shape is _____ cm².

(4 marks)

12. a) A boat sails 1 kilometre **East**.
Then it sails 1 kilometre **South**.

Draw a sketch of its trip and mark its new position, **P**.



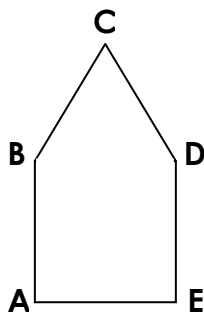
- b) Draw the path of the turtle following these commands:

PD FD 100 RT 90 FD 100



(6 marks)

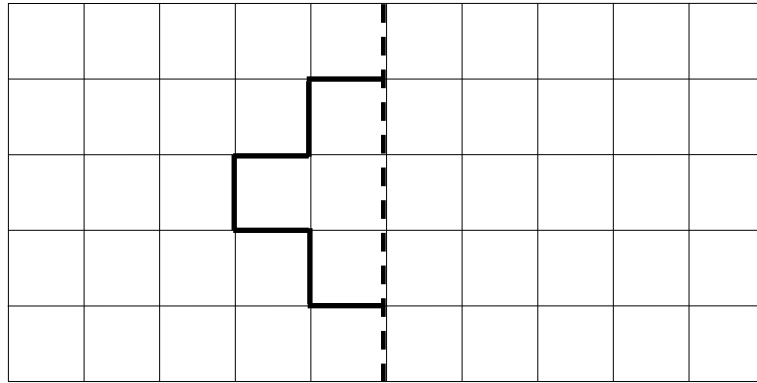
13.



- a) i) angle _____ and angle _____ are **right angles**.
ii) angle _____ and angle _____ are **obtuse angles**.
iii) angle _____ is an **acute angle**.
- b) Draw the line of **symmetry** of shape ABCDE.

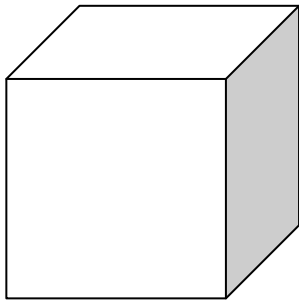
(6 marks)

14. Draw the reflection of this shape.



(3 marks)

15.



A cube has _____ faces (sides), _____ corners and _____ edges.

(3 marks)

16. Write **certain**, **likely** or **impossible**:

a) In Malta, the temperature in June is hot. _____

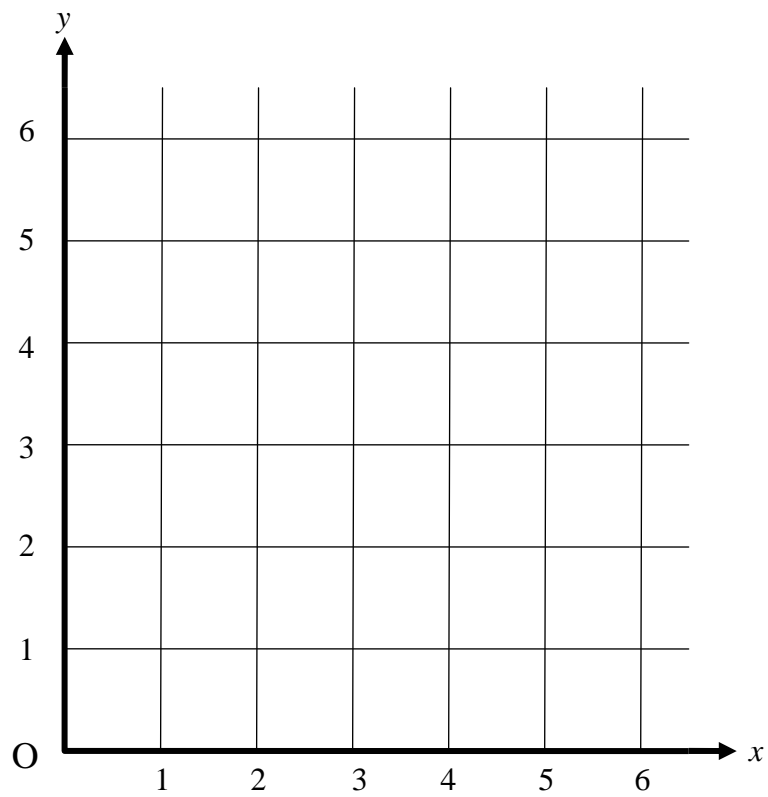
b) The sun shines at night. _____

c) In Italy it rains in winter. _____

(3 marks)

17. a) Plot these points on the grid:

A(1 , 1), **B**(3 , 5) and **C**(5 , 1).



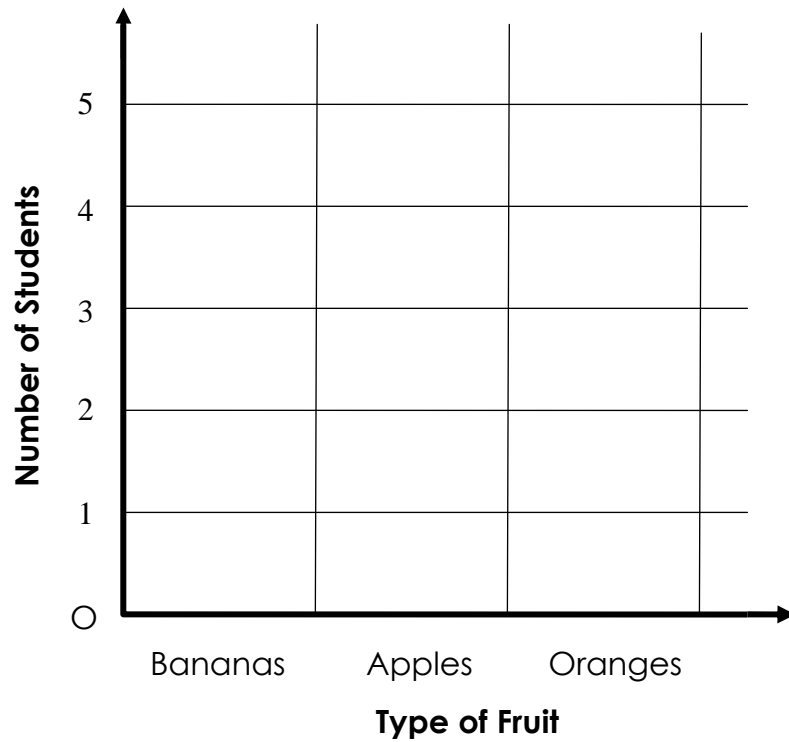
b) Join A to B, B to C, and C to A.

c) What shape do you get? _____

(5 marks)

18. In a class: 2 students like bananas
 4 students like apples and
 3 students like oranges.

a) Draw a bar chart for this data.



b) Which fruit is liked **most**? _____

(4 marks)

END OF PAPER