

Annual Examinations for Primary Schools 2013

YEAR 4 MATHEMATICS MENTAL PAPER TIME: 15 minutes

Teacher's Paper

Guidelines for the conduct of the Mathematics Examination – Mental Paper

1. Words written in **bold** should be **emphasised**.
2. Read, **loudly and clearly, each question twice in succession**, and then allow 5, to 10, to 20 seconds as the test progresses through the three sections.
3. Access to rough paper for working out answers is **not allowed**. However, any working on the answer sheet will not be penalised.
4. The questions should be read out in **English** and **no code-switching/mixing is allowed**. Code-switching is permitted **only** for giving pupils instructions.
5. Before starting the test, read out the following instructions, **using exactly these words**:
 - *I will read out each question twice. Listen carefully both times. You will then have time to work your answer.*
Se naqralk kull mistoqsija darbtejn wara xulxin. Ismagħni sew. Wara jkollok il-ħin biex twegibha.
 - *If you make a mistake, cross out the wrong answer and write the correct answer next to it.*
Jekk tieħu żball f'xi risposta, aqtagħha u ikteb ir-risposta t-tajba hdejha.
 - *You will not be allowed to ask any questions once the test has started.*
Ma tistax tistaqsi mistoqsijiet hekk kif jibda t-test.
6. At the end of the test, read out the following instructions, **using exactly these words**:
 - *The test is finished; put down your pens.*
It-test spicċa; poggi l-bajrow fuq il-mejda.

MENTAL PAPER

‘For this group of questions, you have 5 seconds to work out each answer and write it down.’

‘Għal dawn il-mistoqsijiet li ġejjin, għandek 5 sekondi biex tahseb u tikteb kull risposta.’

1	Today is ... Tick the correct answer.
2	How many days are there in a week ?
3	Write the next number : sixty seven, sixty eight, sixty nine, ...
4	How many grams are there in three kilograms ?
5	What is two times five ?

‘For the next group of questions, you have 10 seconds to work out each answer and write it down.’

‘Għal dawn il-mistoqsijiet li ġejjin, għandek 10 sekondi biex tahseb u tikteb kull risposta.’

6	What is the total of twelve , eight and seven ?
7	What is eleven less than thirty nine ?
8	How many lots of four make twenty ?
9	What is double ten ?
10	What is hundred subtract eighty five ?
11	What is the total of eighty and eighty one ?
12	Round three hundred and fifty two to the nearest hundred.
13	How many five euro cent coins do I need to make one euro ?
14	What is the difference between one hundred and two and twenty five ?
15	What is ten less than two hundred and seven ?

‘For this group of questions, you have 20 seconds to work out each answer and write it down.’

‘Għal dawn il-mistoqsijiet li ġejjin, għandek 20 sekonda biex taħseb u tikteb kull risposta.’

16	Add six to twenty three and subtract three.
17	Half of a number is nine. What is the number ?
18	Which is the smallest : One whole, one half or one quarter?
19	Kim’s favourite cartoons programme starts at quarter past nine. It is thirty minutes long. At what time does it end ?
20	I face south. Then I turn one right angle clockwise. Which direction am I facing now?

END OF MENTAL PAPER

Annual Examinations for Primary Schools 2013

YEAR 4

MATHEMATICS MENTAL PAPER

TIME: 15 minutes

Name: _____

Class: _____

Instructions to Candidates

- The teacher will read each question twice. Listen carefully to the teacher both times. You will then have time to work your answer.
- If you make a mistake, cross out the wrong answer and write the correct answer next to it.
- You will not be allowed to ask any questions once the test has started.
- This paper carries a total of 20 marks.

MENTAL PAPER
ANSWER SHEET

1.	Monday <input type="checkbox"/>	Tuesday <input type="checkbox"/>
	Wednesday <input type="checkbox"/>	
	Thursday <input type="checkbox"/>	Friday <input type="checkbox"/>

2.	days
----	-------------

3.	
----	--

4.	g
----	----------

5.	
----	--

6.	
----	--

7.	
----	--

8.	
----	--

9.	
----	--

10.

11.

12.

13. **coins**

14.

15.

16.

17.

18.

19. :

20.

Annual Examinations for Primary Schools 2013

YEAR 4

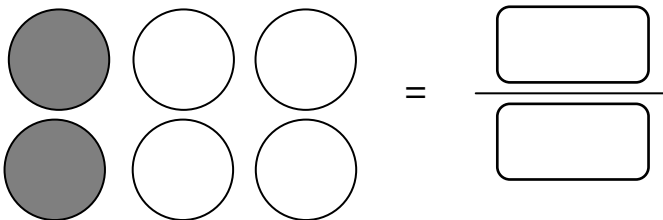
MATHEMATICS
WRITTEN PAPER

TIME: 1h 15min

Name: _____

Class: _____

1. Fill in:

a)	$12 + 14 =$ <input type="text"/>
b)	Double 6 = <input type="text"/>
c)	<input type="text"/> $\times 3 = 27$
d)	$32 \div 4 =$ <input type="text"/>
e)	$\text{€}7.04 =$ <input type="text"/> c
f)	$503 -$ <input type="text"/> $= 496$
g)	125, <input type="text"/> , 175, 200, <input type="text"/> , 250
h)	1 hour 20 minutes = <input type="text"/> minutes
i)	What fraction of the group of counters is shaded ? 
j)	Write an even number between the two numbers shown. 215 <input type="text"/> 218

2. **Tick (✓)** the calculations that are correct.

a) $182 + 23 = 250$

b) $300 - 46 = 254$

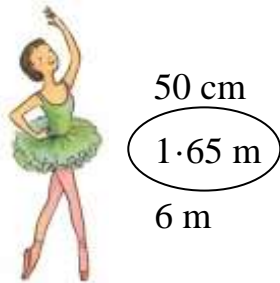
c) $4 \times 10 = 400$

d) $18 \div 4 = 4 \text{ r } 2$

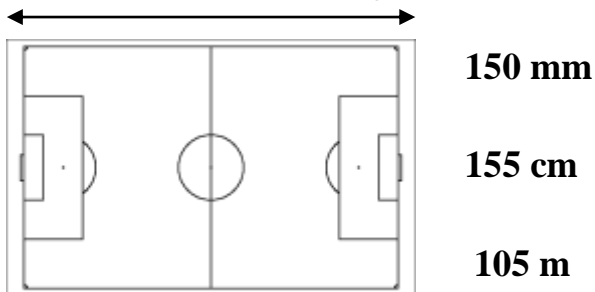
3. **Circle the measure** which is **nearest**.

Note: The first one has been done for you.

a) The ballerina's **height**



b) The **length** of a football ground



c) The **capacity** of a bottle of water



d) The **weight** of a basketball



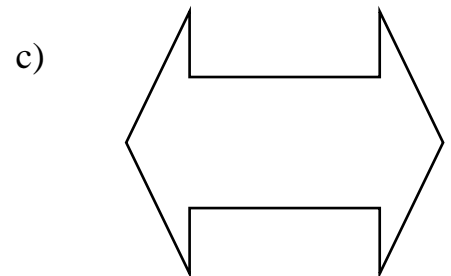
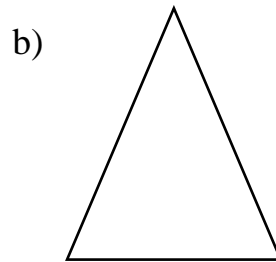
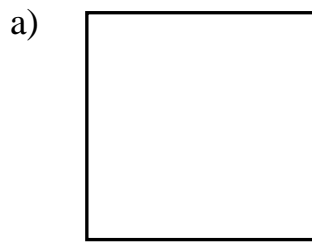
e) The **length** of a training shoe of an 8 year old



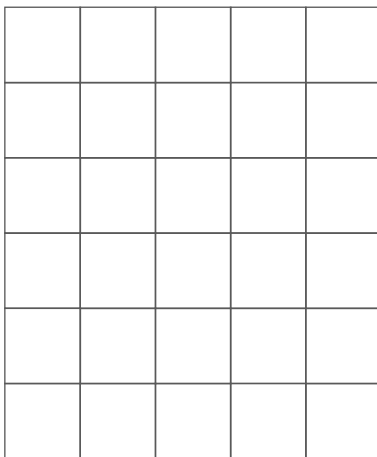
Name: _____

Class: _____

4. Draw all the lines of symmetry on these shapes.



d) Use your ruler to draw a pentagon.



5. Make 3 digit numbers.

Use all the cards in each question.

a)

0

2

7

 $\xrightarrow{\text{the largest number}}$

--

b)

1

2

5

 $\xrightarrow{\text{an even number}}$

--

c)

2

5

9

 $\xrightarrow{10 \text{ less than } 305}$

--

d)

3

4

6

 $\xrightarrow{\text{is } 400 \text{ when rounded to the nearest } 100}$

--

6. Andrew goes shopping.

a) **Each banana weighs 120 g.**

What is the **total weight** of **5 bananas**?



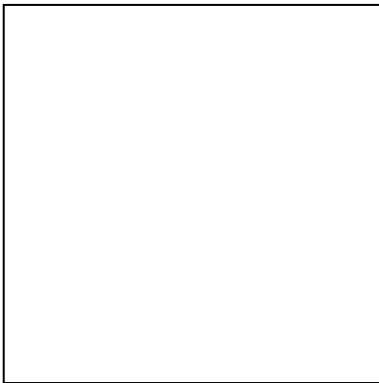
_____ g

b) The **total weight** of the bag is **2 kg**.
On the way Andrew **eats a banana**.
What is the **weight of the bag now**?

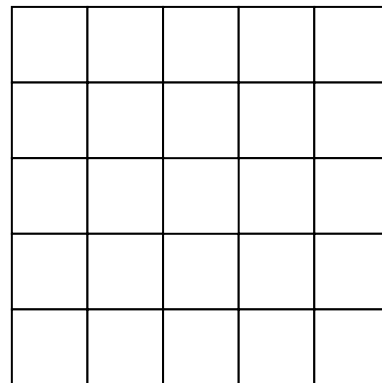


_____ g

7. a) Shade $\frac{1}{4}$ of this shape.



b) Shade $\frac{2}{5}$ of this shape.



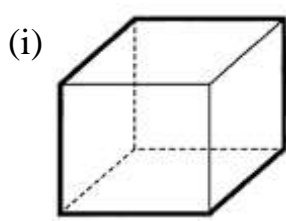
c) **Fill in** to make **equivalent fractions**.

$$\frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

Name: _____

Class: _____

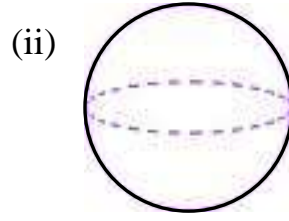
8. a) Write the number of faces and vertices.



cube

faces

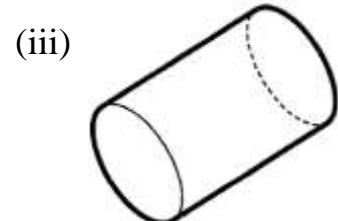
vertices



sphere

faces

vertices



cylinder

faces

vertices

b) Match the shapes with their properties.

The first one has been done for you.

hexagon

2 faces
1 vertex

cube

4 right angles
4 lines of symmetry

square

2-d (flat) shape
6 sides

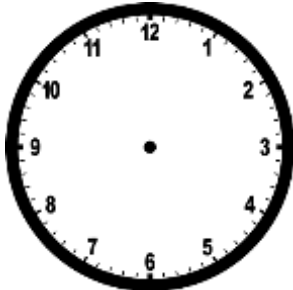
cone

6 square faces
12 edges

9. Martina has one swimming lesson every week.

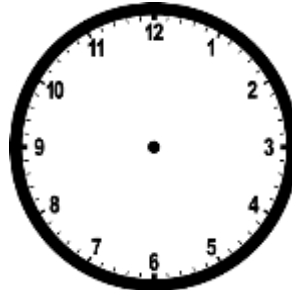
a) (i) The lesson starts at 5:10.

Draw this time on the clock.



(ii) The lesson ends at **ten minutes to six**.

Draw this time on the clock.



(iii) **How long** is the swimming lesson?

_____ minutes

b) Swimming lessons take place **every Monday**.

JUNE 2013						
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						

In **June 2013** Martina has

swimming lessons.

10. James has €40.

He buys **2 T Shirts** and a **pair of shorts**.



T Shirt
for
€13·90



a pair of shorts
for
€7·50

a) How much money does James **spend**?

€

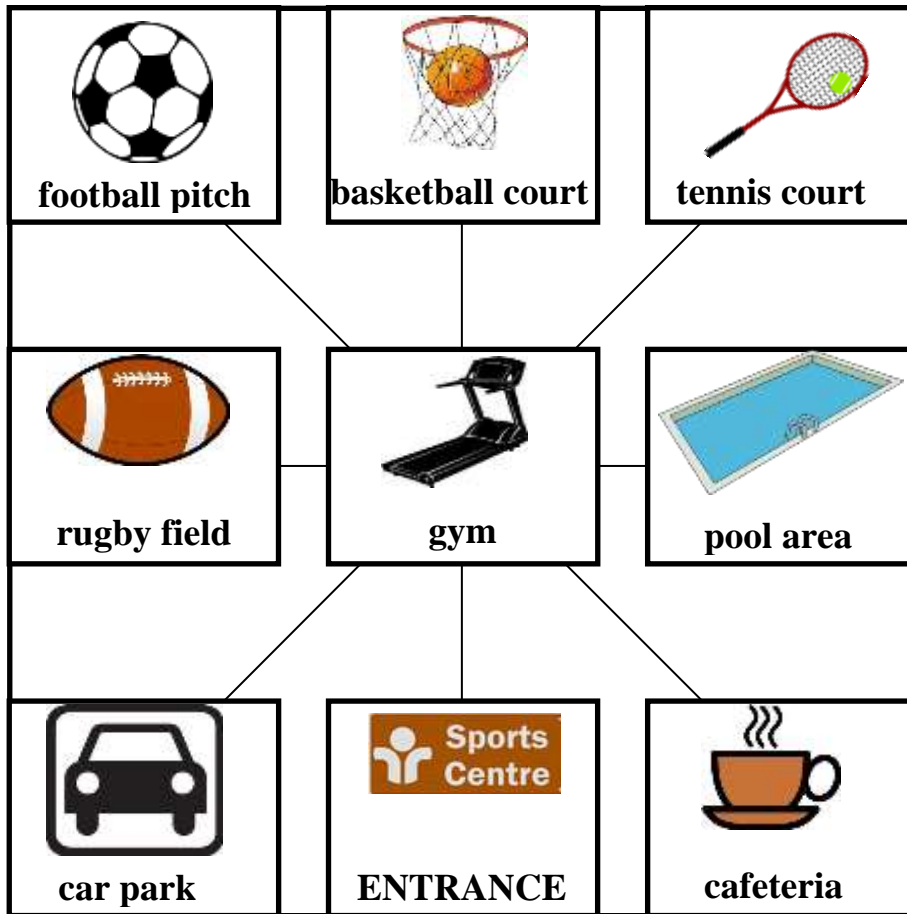
b) How much money does he **have left**?

€

c) How much **more money** does James need to get **another pair of shorts**?

€

11.



a) **You are at the Entrance of Sports Centre.**

Write down **what you see** if you look:

(i) **North** (ii) **East**

b) **You are at the gym facing North.**

What are you going to face if you turn:

(i) 1 right angle **clockwise**?

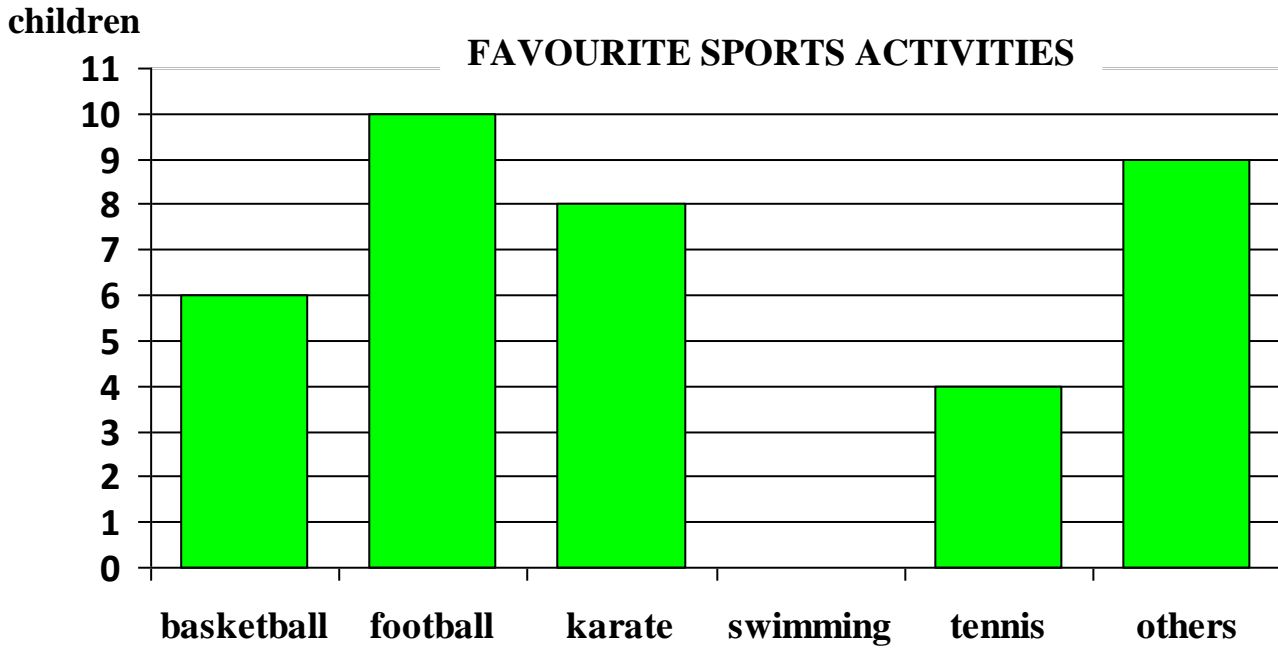
(ii) 1 right angle **anticlockwise**?

c) Use **Compass Points** to complete these sentences:

(i) The **rugby field** is of the **pool area**.

(ii) The **pool area** is of the **tennis court**.

12. All Year 4 students at Sunshine School are asked to choose their **most favourite sport**.



From the bar graph above:

a) How many students like **football**?

_____ students

b) How many **more** students prefer **karate** to **tennis**?

_____ students

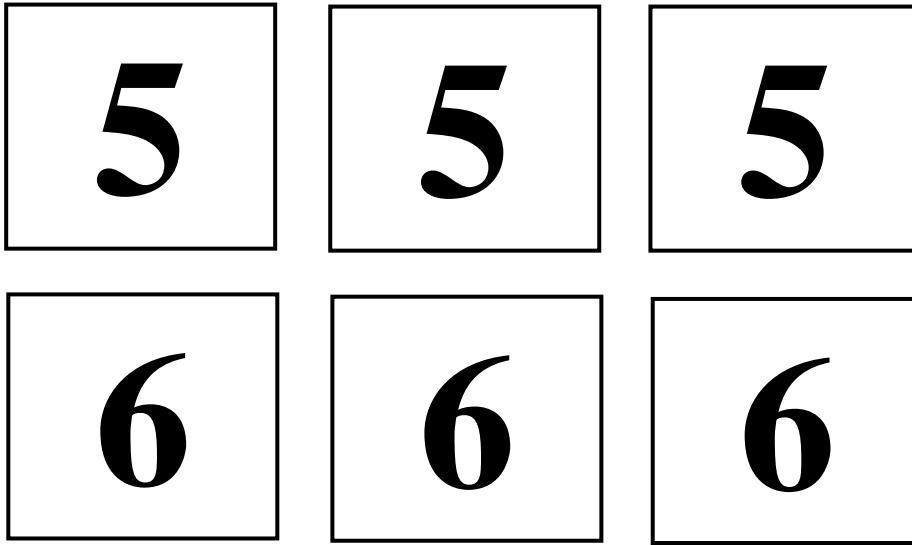
c) There are **45** Year 4 students at Sunshine School in all.

(i) How many students like **swimming**?

_____ students

(ii) **Complete the bar graph.**

13. Here are some number cards.



Use **five of the number cards** to make this correct:

$$\begin{array}{|c|c|c|} \hline & & \\ \hline \end{array} - \begin{array}{|c|c|} \hline & \\ \hline \end{array} = 589$$

Show your working.

END OF PAPER

Marks' Scheme	Nos.	1 a - j	10×2	=	20
		2 - 7	6×4	=	24
		8 - 13	6×6	=	36
			TOTAL		<u>80</u>