



THERESA NUZZO SCHOOL MARSA
HALF YEARLY EXAMINATIONS 2018-2019
MATHEMATICS
Grade 5

Name: _____ **Register No** _____

Class _____

Mental Paper **Time: 20 minutes**

Mark

Written Paper **Time 1hour 30 minutes**

Mark

Total Mark

MATHEMATICS Mental Paper Time: 20min GRADE 5

1	
---	--

2	ml
---	----

3	
---	--

4	
---	--

5	weeks
---	-------

6	
---	--

7	
---	--

8	
---	--

9	
---	--

10 g

11 cm²

12

13

14

15

16

17 € ____ . ____

18

19

20 ____ packets

Marks' Scheme

Nos. 1 a - j	$10 \times 2 = 20$
2 - 7	$6 \times 4 = 24$
<u>8 - 13</u>	<u>$6 \times 6 = 36$</u>
<u>TOTAL</u>	<u>80</u>

1. Complete:

a.	$24 + \boxed{} = 100$	ii) $100 - 54 = \boxed{}$
b.	i) $32 \div 4 = \boxed{}$	ii) $7 \times 9 = \boxed{}$
c.	i) $6 \times \boxed{} = 36$	ii) $45 \div \boxed{} = 9$
d.	i) $30 \times 50 = \boxed{}$	ii) $700 \div 10 = \boxed{}$
e.	i) What is the value of 7 in 23,174? Tick (✓) the correct value: 7 tens <input type="checkbox"/> 7 hundred <input type="checkbox"/> 7 thousand <input type="checkbox"/> ii) Which digit in 36, 169 is in the hundred place value ? <input type="checkbox"/>	

2. Fill in:

<p>a) Round 658 to the nearest 10</p> <p style="text-align: center;"><input type="text"/></p>	<p>b) Round 198 to the nearest 100</p> <p style="text-align: center;"><input type="text"/></p>
<p>c) Round 1484 to the nearest 1000</p> <p style="text-align: center;"><input type="text"/></p>	<p>d) Round €19.18 to the nearest €</p> <p style="text-align: center;"><input type="text"/></p>

(4 marks)

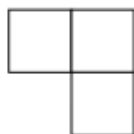
3. a) Complete the sequences:

(i) 21, 24, 27, 30, ,

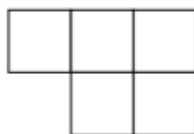
(ii) 90, 85, 80, 75, ,

Here is a pattern of squares

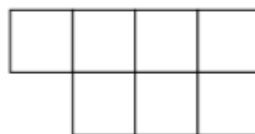
Pattern 1



Pattern 2



Pattern 3



b) Draw Pattern 4 and say how many squares there are:

Pattern 4

Squares

(4 marks)

4) The table below shows the house prices in different streets.

St Rita Street	€ 126 870
St Mary Street	€ 250 000
St Joseph Street	€ 351 500
St Catherine Street	€ 197 800



a) What is the **total price** of the houses in **St Rita Street** and **St Joseph Street**?

€ _____

b) What is the **difference in price** between the houses in **St Mary Street** and **St Catherine Street**?

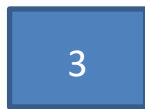
€ _____

c) **Circle the price** which is **closest** to **€ 200 000**?

€ 126 870	€ 250 000	€ 351 500	€ 197 800
-----------	-----------	-----------	-----------

(4 marks)

5. Take a look at these card numbers:



a) Put the **above cards** in the **right position** to get the **required answer**:

$$\square \times \square + \square = 27$$

b) Put these numbers in **ascending order**:

19 880

199 090

189 890

109 990

198 990

--	--	--	--	--

(4marks)

6) Henry has a bag of 100 marbles.

He gives **eleven** marbles to **each** of her **five** friends.

a) How **many marbles** are **left** in the **bag**?



_____ marbles

$\frac{2}{5}$ of the **marbles** which are **left** in the **bag** are **green**.

b) How **many green marbles** are there in the **bag**?

_____ green marbles

(4marks)

7. Look at the balance.



A **banana** weighs **90 grams**.

a) How much do **2 oranges** weigh?

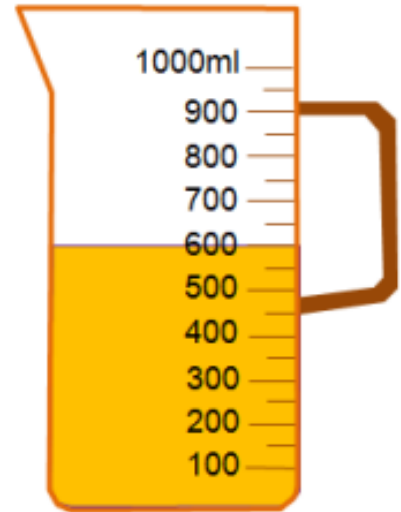
b) How much does **1 orange** weigh?

c) What is the **weight of 6 oranges and 3 bananas** in kg?

(4marks)

8. a) Henry **added** the cup of juice to the jug.
 i) What is the **new level** of the juice in the jug ?

ml



ii) **Mark** the level.



b) A bottle holds **2 litres** of water.
 James fills **3 glasses** with water from the bottle.
Each glass is filled with **300 ml** of water. How much is **left** in the bottle?

ml

c) There are **three containers** on the table:
 Maria, Jenny and Paula calculate the **total capacity** of
 the **three bottles**.

They have different answers.

Tick (✓) who is right.



0.45l ½ l 650 ml

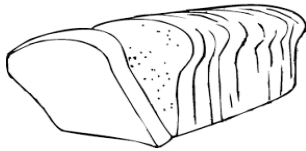
Maria 650.950 l		Jenny 1500 ml		Paula 1.6 l	
-----------------	--	---------------	--	-------------	--

(6 marks)

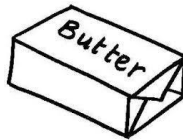
9. A group of **10 children** went to Buskett for a picnic.

a) The children bought some food.

They bought **2 loaves of bread**, **1 pack of butter** and **10 cup cakes**.



75c each



90c each



25c each

i) How much did they **spend altogether**?

€ ____ . ____

ii) They decided to **divide** the bill amongst the **10** of them.
How much did **each** pay?



_____ c

b) On their way to Buskett, they bought a **ball** which was marked **€13.20** but the shop keeper sold it at **half price**.
How much did the **ball** cost?

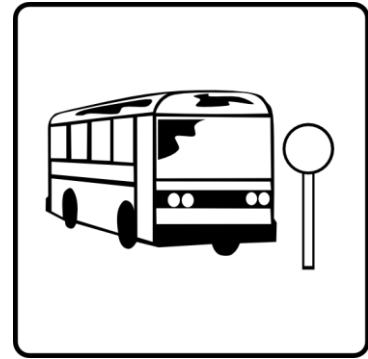


€ ____ . ____

(6 marks)

10. a) Here is a part of the bus timetable from Valletta to Zabbar

Depart	Arrive
Valletta	Zabbar
9:30	10:15
11:15	<input type="text"/>



i) How long does it take the 9:30 bus to get to Zabbar?

 minutes

ii) The 11:15 bus takes the same time to get to Zabbar. Complete the timetable.

 :

b) The bus from Valletta to Cirkewwa takes 1hr 15 minutes. How many minutes is this?

 minutes

c) The bus from Zabbar to Pembroke takes 95minutes. Give this duration in hours and minutes.

 hr min

(6 marks)

11. a) Alan has **46 beans**.

He plants **3 beans** in each of his pots.

How **many pots** does he need?



_____ pots



b) His sister Leila puts **4 seeds** in each of her pots.

She uses **6 pots** and **1 seed** is left over.

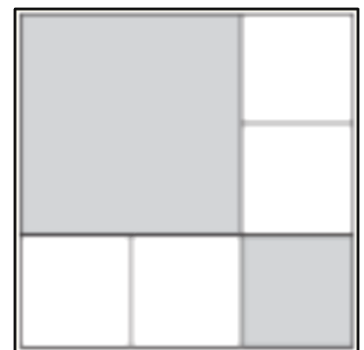
How **many seeds** did she start with?

_____ seeds

c) The **square** represents the garden area Leila and Alan have at the back of their house.

The **shaded area** is covered with **citrus trees**.

What **fraction** of the **garden** is covered with **citrus trees**?

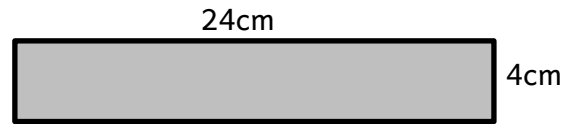


Fraction is _____

(6 marks)

12. Joe has strips of card.

The length of each strip is 24cm and its width is 4cm.



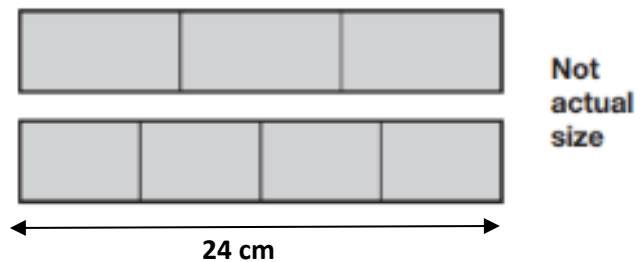
a) Find the area of the strip.

_____ cm²

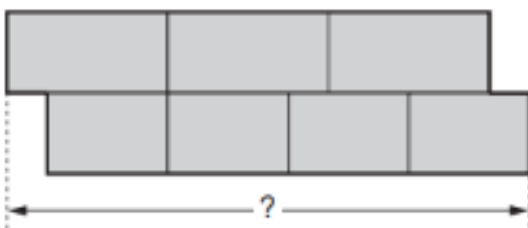
b) Find the perimeter of the strip.

_____ cm

Joe divides one of the strips into 3 equal parts and the other into 4 equal parts.



He uses the strips to make the following shape.



c) What is the total length of Joe's shape?

_____ cm

(6 marks)

13. Look at the following calendar.

2019 APRIL						
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				

- a) The last day of March falls on a _____.
- b) This year Good Friday falls on the third Friday of April. What will be the date?

- c) The date for Easter Sunday is _____.
- d) There are _____ Sundays in April.
- e) Easter holidays will start on 15th April and end on the 26th April so children do not attend school. How many school days are there in April? _____
- f) Daniel is flying to Rome on 26th April. He will be back on the 3rd of May. What day of the week will that be?

Tick (✓) the correct day of the week.

- i) Monday ii) Tuesday iii) Wednesday iv) Friday

_____ (6 marks)

THE END