



THERESA NUZZO SCHOOL MARSA
HALF YEARLY EXAMINATIONS 2019-2020
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	
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2	mm
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3	
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4	
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5	weeks
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6	
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7	
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8	
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9	
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10	
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11	cm
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12	
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13	
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14	
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15	
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16	minutes
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17	€ ____ . ____
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18	
----	--

19	____ books
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20	____ packets
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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.	$29 + \boxed{} = 100$	ii) $100 - 65 = \boxed{}$
b.	i) $81 \div 9 = \boxed{}$	ii) $7 \times 7 = \boxed{}$
c.	i) $8 \times \boxed{} = 32$	ii) $18 \div \boxed{} = 3$
d.	i) $70 \times 300 = \boxed{}$	ii) $7800 \div 10 = \boxed{}$
e.	i) Round 176 to the nearest 10 \longrightarrow $\boxed{}$	
	ii) Round 849 to the nearest 100 \longrightarrow $\boxed{}$	

f.	<p>i) $3\frac{1}{2}$ minutes = <input type="text"/> seconds.</p> <p>ii) 234 seconds = <input type="text"/> minutes <input type="text"/> seconds</p>
9.	Circle the multiples of 5: 876, 985, 280, 883
h.	<p>Write the next two numbers in this sequence.</p> <p>i) 50, 75, 100, <input type="text"/>, <input type="text"/></p> <p>ii) 300, 250, <input type="text"/>, <input type="text"/></p>
i.	<p>Tick (✓) the correct one.</p> <p>(i) $183 > 321$ <input type="checkbox"/> (ii) $6 \times 30 < 800$ <input type="checkbox"/></p> <p>(iii) $30 + 65 = 100 - 5$ <input type="checkbox"/> (iv) $7\frac{1}{2} = 7.5$ <input type="checkbox"/></p>
j.	<p>This is a doubling sequence. Fill in:</p> <p style="text-align: center;"> <i>double</i> <i>double</i> <i>double</i> <i>double</i>  </p> <p style="text-align: center;"> <input type="text"/> <input type="text" value="14"/> <input type="text" value="28"/> <input type="text"/> <input type="text" value="112"/> </p>

(20 marks)

2. Fill in the empty boxes:

i) $15 \times 8 = (10 \times \square) + (\square \times 8)$

ii) $34,257 = 30,000 + \square + \square 50 + 7$

iii) $5\frac{4}{9} = \frac{\square}{9}$

iv) $\frac{4}{5} = \frac{\square}{15}$

(4 marks)

3. Use the number cards below to create 4-digit numbers. A card can only be used once in every 4-digit number you write. Fill in.



a) Write the largest possible 4-digit number.

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b) Write a 4-digit odd number

--	--	--	--

c) Write the smallest possible 4-digit even number.

--	--	--	--

(d) Write 4-digit number which is a multiple of 5

--	--	--	--

(4marks)

4. Two of these sentences can be true. Tick (✓) the two sentences that can be true.

(i) Nadia's pen is 9 centimetres long.

(ii) Kim's baby weighs 3 kilograms.

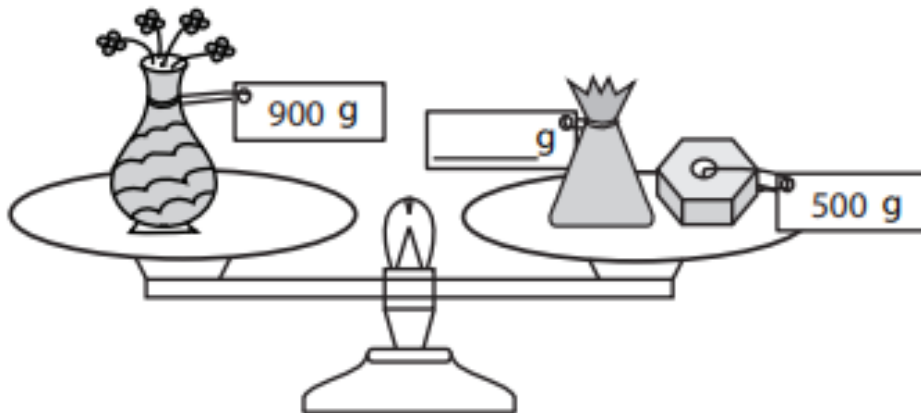
(iii) Maria is 12 metres tall.

(iv) Kade's cup holds 2 litres of water.

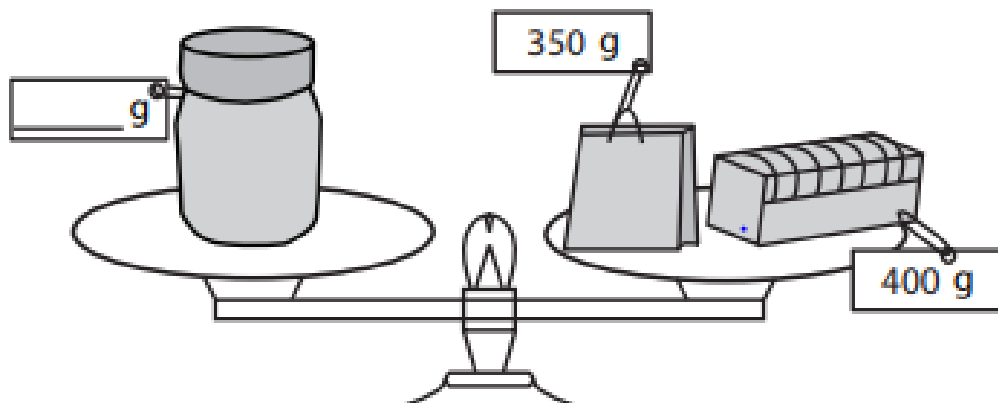
(4 marks)

5. Calculate the missing mass.

i)



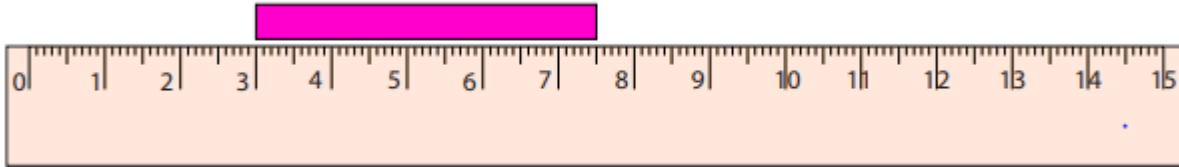
ii)



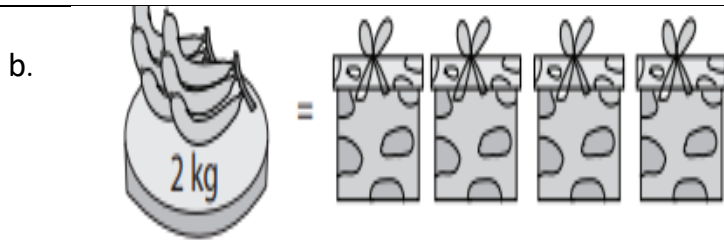
(4marks)

6. Fill in the missing measure.

a. What is the length of the bar?

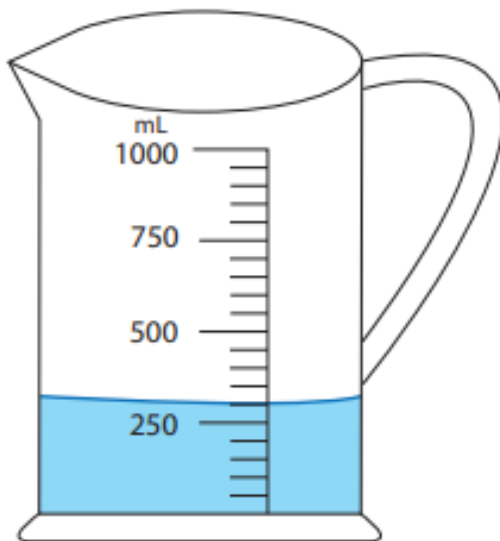


_____ cm



Weight of each  = _____ g

c.



_____ mL

d.



Capacity of each  = _____ mL

(4marks)

7. The table shows the number of children who went walking, sailing or climbing at an outdoor centre.

	May	June	July
walking	25	80	75
sailing	15	42	50
climbing	18	27	23



a) How many children went **sailing** in **May, June and July** altogether?

_____ children

b) There were **more** children who went **climbing** in **May, June and July** altogether than children who went **sailing** in **May, June and July**. Is this statement **true** or **false**?

False True

c) How many **children** went to the centre in **July**?

_____ children

d) How many **more** children went **walking** in **June** than climbing in **June**?

_____ children

(4marks)

8. a) Michelle is saving her pocket money to buy a new bike, which costs €235.00.

So far, she already has €167.20 in her moneybox.

How much **more** does she need to **save**?



€ _____.

b) Michelle's brother John is saving 50c each day. because he wants to buy a book which costs €10.50. How many **days** before he can buy this book?



_____ days

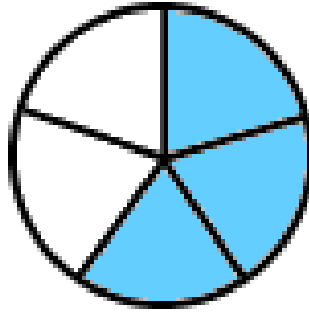
c) Michelle's mother only has 2c and 5c coins in her purse. She needs to give her daughter 49c. How many 5c coins and 2c coins does she need to give her?



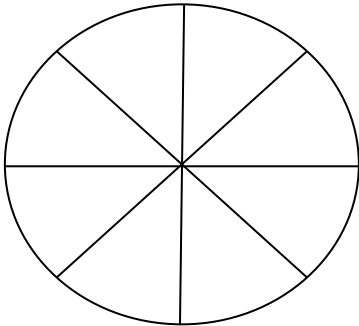
5c coins and 2c coins

(6marks)

9. a) What fraction is shaded?



b)



i) Shade $\frac{5}{8}$

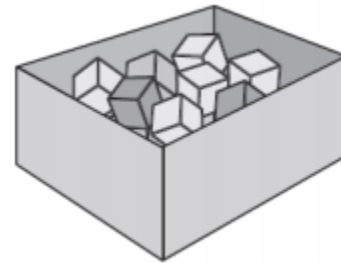
ii) Insert < or >

$\frac{5}{8}$ $\frac{1}{2}$

c) There are 24 coloured cubes in a box.

$\frac{3}{4}$ of the cubes are red.

The rest are yellow.



i) How many red cubes are in the box?

 red cubes

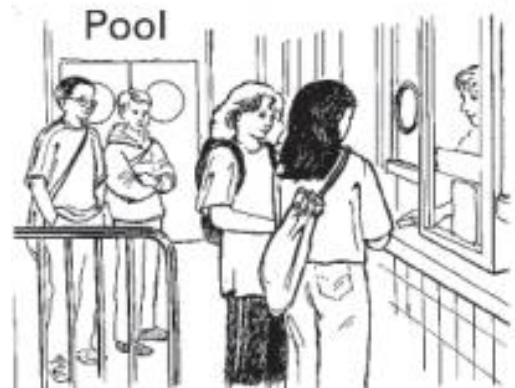
ii) How many yellow cubes are in the box?

 yellow cubes

(6 marks)

10. These are the opening times at a swimming pool.

	opening times	
	am	pm
Monday	Pool closed	
Tuesday		
Wednesday	10:30	5:30
Thursday	10:30	8:30
Friday	10:30	9:00
Saturday	8:00	6:00
Sunday	7:00	4:00



a) Which day has the **latest closing time**? _____

b) Jack arrived at the pool at **5.30 pm** on **Saturday**. How many **minutes** is it before the pool **closes**?

_____ minutes

c) On which **day** does the pool stay **open** for the **longest time**?

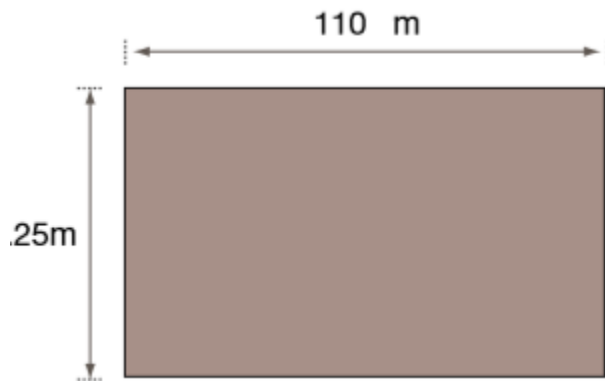
d) On **Friday** Maria went to the pool **as soon as it opened**. She spent **3 hr 40 minutes** there. At what **time** did she **leave**?

_____ : _____ pm

(6 marks)

11a) Match each shape on the left to one with equal area on the right.

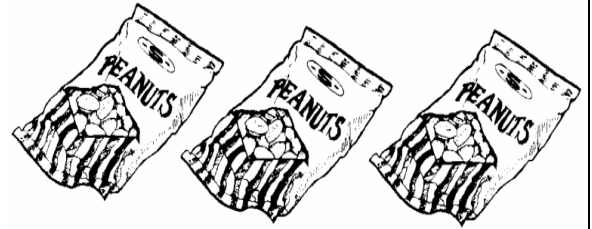
b) A field measures **110m** by **25m**. The farmer wants to put a fence around it. What is the total **perimeter** of the field?



_____ m

(6 marks)

12a. Mariah buys **3 small bags** of peanuts.
 She gives the shopkeeper **€2** and gets **80c change**.
 What is the cost of **one bag** of peanuts?



_____c

b. The shop sells candles. Gina buys **4 star** candles and **2 stripe** candles.
 How much does she pay **altogether**?



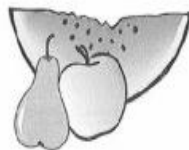
Star Candles
60c each



Stripe candles
85c each

€ _____.

c. These are the prices of drinks and fruit.



	Drinks	Fruit
milk	55c	apple 15c
cola	45c	pear 20c
juice	65c	melon 25c

Dean has **80c** to spend on a **fruit** and a **drink**. What **two things** can he buy for exactly **80c**?

_____ , _____

13. A group of **54** tourists are going to visit Malta on **first Sunday of July**.

a) What **date** will this be?

2020 JULY						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			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	31	

b) On the **10th** of July the tourists are going on a boat trip along the coast
What **day** will this be?

c) Each boat can **only** take **4** tourists.
How **many** boats are needed to take **all** the tourists?


 boats

d) Each tourist needs to pay **€9** for this boat trip. What is the total cost for **all** the **54** tourists?

 €

(6 marks)

THE END