



THERESA NUZZO SCHOOL MARSA
HALF YEARLY EXAMINATIONS 2020-2021
MATHEMATICS
Grade 5

Name: _____ **Register No** _____

Class _____

Mental Paper **Time: 20 minutes**

Mark

Written Paper **Time 1hour 30 minutes**

Mark

Total Mark

Marks' Scheme

Nos. 1 a - j $10 \times 2 = 20$

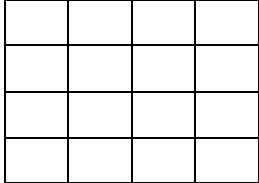
2 - 7 $6 \times 4 = 24$

8 - 13 $6 \times 6 = 36$

TOTAL 80

1. Complete:

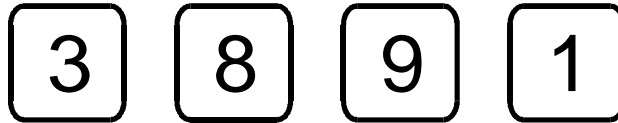
a.	$54 + \square = 100$	ii) $100 - 45 = \square$
b.	i) $36 \div 4 = \square$	ii) $6 \times 7 = \square$
c.	i) $5 \times \square = 35$	ii) $72 \div \square = 9$
d.	i) $40 \times 5 = \square$	ii) $2500 \div 10 = \square$
e.	Write the next two numbers in this sequence.	
	i) 125, 150, 175, \square , \square	
	ii) 100, 95, 90, \square , \square	

f.	<p>Change into metres.</p> <p>i) 1km 234m = <input type="text"/> m</p> <p>ii) 5 $\frac{1}{4}$ km = <input type="text"/> m</p>
g.	<p>Shade $\frac{3}{4}$</p> 
h.	<p>Fill :</p> <p>5 x 34 = (<input type="text"/> x 30) + (<input type="text"/> x 4)</p>
i.	<p>Put = < or >.</p> <p>(i) 3.8 kg <input type="text"/> 380g (ii) 7 $\frac{1}{2}$ kg <input type="text"/> 7500g</p>
j.	<p>(i) Write in words:</p> <p>23,504 _____</p> <p>_____</p> <p>(ii) Write in digits:</p> <p>Twenty thousand four hundred and forty: _____</p>

(20 marks)

2a. Choose **three** of these number cards to make:

(Do not use the same card more than once in each case)



i) the **largest** number

ii) the **smallest odd** number

iii) An even number that is greater than 350 but less than 500

iv) an even number that is greater than 400

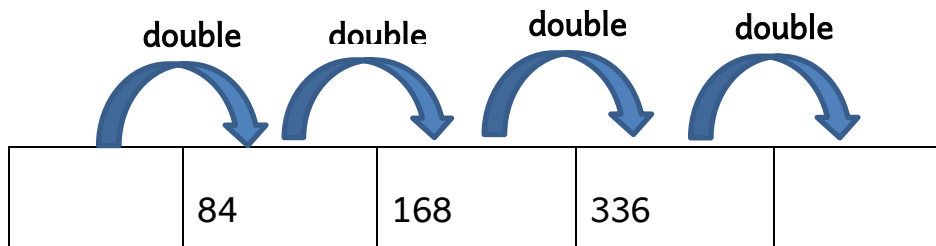
(4marks)

3a. The numbers in this **sequence increase by 75** each time.

Write in the **two missing** numbers.

<input type="text"/>	725	800	875	950	<input type="text"/>
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b. The numbers in this sequence **doubles** each time.

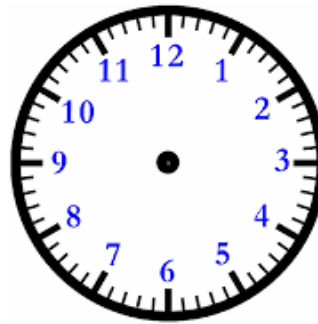


(4marks)

4a. Write the time in digits:



4b. The time is 3:20. Draw the hands of the clock to show this time.



4c. Write 3 hours 40 minutes in minutes .

(4marks)

5. There were 5,784 tickets sold for a football match at Ta' Qali stadium.

a. Round this to the nearest 10

b. Round this to the nearest 100

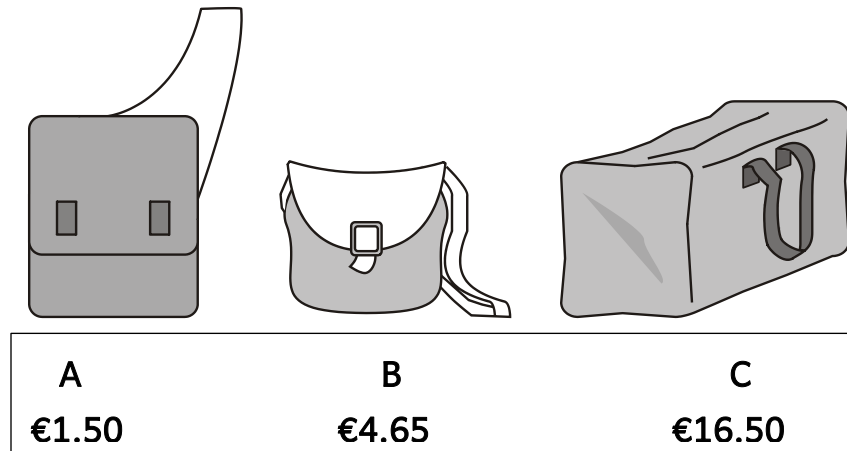
c. Round this to the nearest 1000

d. Give the value of the 5 in the number 65,784 : _____

(4marks)



6. Here are **three bags** in a shop



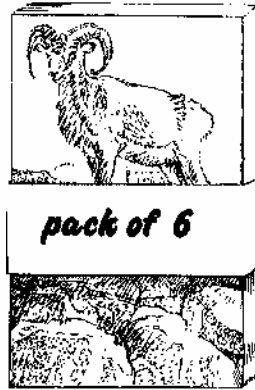
a. What is the **total price** of the **three bags**?

b. What is the **difference** in price between the **most expensive bag** and the **least expensive bag**?

c. Jane buys **bag A** and **bag C**. How much **change** does she get from **€40**?

(4marks)

7. A shop sells postcards in packs of 6 and packs of 8.



a. Alan bought 4 packs of 8 cards. How many cards did he get?

_____ cards

b. Maria bought some packs of 6 cards. Altogether she has 30 cards.
How many packs of 6 did she buy?

_____ packs

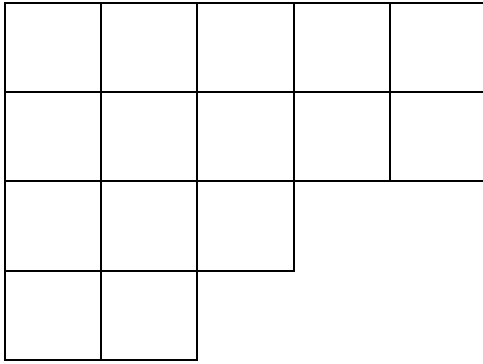
c. Michael bought 30 packs of 6 and Kate bought 25 packs of 8.

Who got more cards? Underline the correct answer and show the working below.

(Michael, Kate)

(4marks)

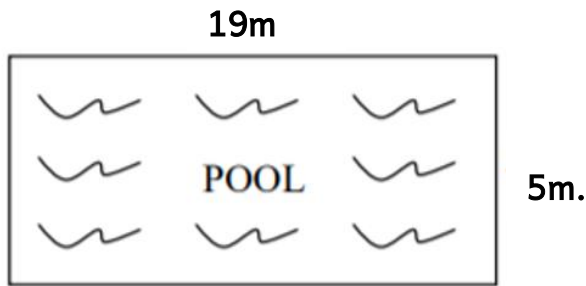
8a. Find the **area** and **perimeter** of the following shape. **Each side** of a square is **1cm**.



Area = _____cm²

Perimeter = _____cm

b. The **length** of a rectangular pool is **19m**. The **width** of the pool is **5m**. If I want to build a fence around the pool, how **long** will the fence be?



Perimeter: _____m

c. Find the **area** of the pool.

Area = _____m²

(6 marks)

9a. Change the following capacities in **millilitres**:

i) $7\text{ l } 876\text{ ml} = \underline{\hspace{2cm}}\text{ ml}$

ii) $8\frac{1}{2}\text{ l} = \underline{\hspace{2cm}}\text{ ml}$

b. **Circle the smallest quantity** of water:

$6\text{ l } 876\text{ ml}$

$6\frac{1}{2}\text{ l}$

$6\frac{1}{4}\text{ l}$

6750 ml

c. A bottle contains **2 litres** of water. From this bottle Paul fills **4 glasses** of water each holding **90ml**.

i) What is the **total amount** of water **emptied** from the large bottle.



$\underline{\hspace{2cm}}\text{ ml}$

ii) How much water is **left** in the bottle.

$\underline{\hspace{1cm}}\text{ l } \underline{\hspace{1cm}}\text{ ml}$

(6 marks)

10a. Write the fractions in descending order.

$$\frac{3}{7}$$

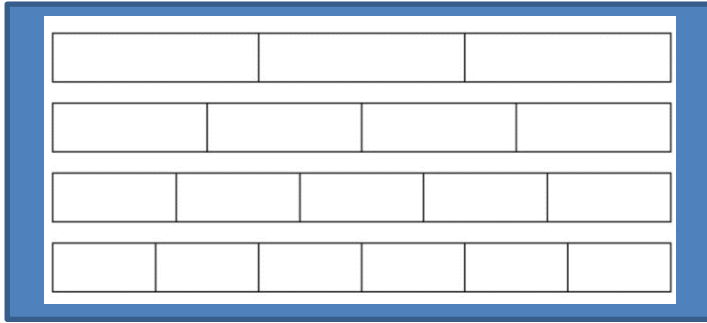
$$\frac{3}{5}$$

$$\frac{3}{8}$$

$$\frac{3}{4}$$

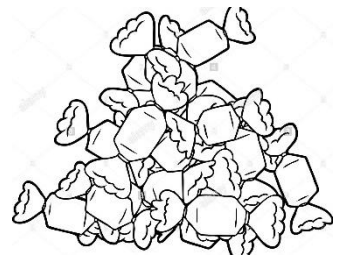
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b) Use the following fraction wall. (*You can also shade the fractions*)



<p>i) Insert <, > or =</p> $\frac{3}{4} \quad \square \quad \frac{5}{6}$	<p>ii) Give an equivalent fraction to: $\frac{2}{3}$</p> $\frac{2}{3} = \square$		
<p>iii) Choose true or false:</p> <p style="text-align: center;">$\frac{1}{2}$ is smaller than $\frac{2}{3}$</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px 20px;">True</td> <td style="padding: 5px 20px;">False</td> </tr> </table>		True	False
True	False		

c. There are **240 sweets** in a tube and $\frac{5}{8}$ of the sweets are **green** and the **rest** are **yellow**. How many sweets are **yellow**?



_____ yellow sweets

(6 marks)

11. Look at the following TV schedule:

Easy Cooking	12:00pm
News	1:30pm
Goodluck Charlie	1:45pm
Disney's Mickey Mouse	2.15pm
Tom & Jerry	2:30pm
Doctor's Corner	3:00pm
Scooby Doo Show	4:00pm

a. Complete:

The programme **Disney's Mickey Mouse** starts at _____ and ends at _____.

b. How long is **Good Luck Charlie**?

_____ minutes

c. How much **longer** is the TV show **Doctor's Corner** than **Tom and Jerry**?

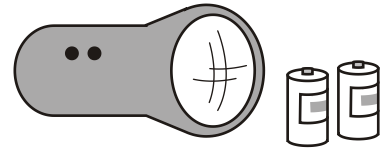
_____ minutes

d. Maria arrives home at **1:50pm**. How many **minutes** is it before her favourite programme **Tom and Jerry** starts?

_____ minutes

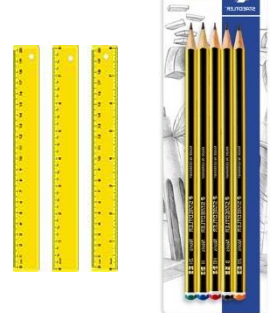
(6 marks)

12a. A torch costs €7.65. Kate buys a torch and two batteries. She pays €9.85 altogether. How much does one battery cost?



€ _____

b. A pack of 5 pencils costs €1. A pack of 3 rulers costs 87c. How much more does a ruler cost than pencil?



_____c

c. Hannah is at the sea side. In her purse she has these coins:



She wants to buy the following items:

2 postcards at 25c each

lolly 35c

ice cream 85c

cola 75c

How much more money does she need?

€ _____

(6 marks)

13. The incomplete calendar below shows February 2021.

FEBRUARY 2021						
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		

- a. There are _____ days in February 2021.
- b. The last day of January 2021 is a _____
- c. Ella celebrates her birthday on the fourth Wednesday in February 2021. Ella celebrates her birthday on the _____ of February .
- d. Maria’s birthday comes exactly 1 week after Ella’s. Maria’s birthday is on the _____ . (Give the exact date, include the month).
- e. There are _____ Sundays in February.
- f. 15th March 2021 falls on a _____.

_____ (6 marks)

THE END