



Theresa Nuzzo Primary School Marsa

HALF YEARLY EXAMINATIONS

2018/2019

MATHEMATICS

WRITTEN PAPER

Name and Surname: _____

Year: 4

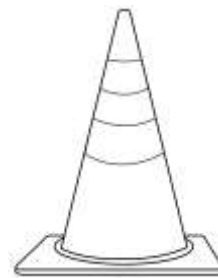
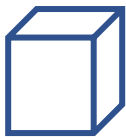
Time: 1 hr 15 mins

1. Complete: (1 mark each total 12 marks)

a) Write the number *one thousand, three hundred and thirty two* in figures.

b) Double 102 is

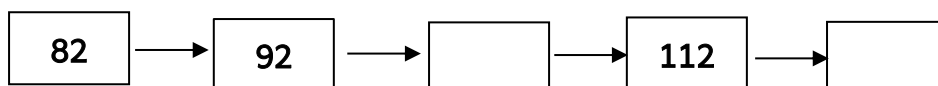
c) Circle the 3D shapes



d) Draw the next shape to continue the pattern



e) Fill in the missing numbers



f) How many cents in €3.05 = c

g) Use the signs **+** **-** and **=**

Write the signs in the boxes to make a correct number sentence.

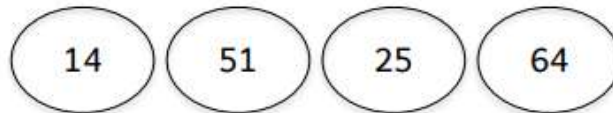
19 13 6

j) Fill in the correct sign (**<**, **>** or **=**)

7 x 6 5 x 8

2. Here is a Carroll Diagram.






















Put these numbers on the Carroll Diagram



	Even	Odd
More than 40		
Less than 40		

(4 marks)

3. Look at the following grid

		bakery 			mosque 	
church 		park 		hospital 		
	taxi rank 		post box 			café 
fire station 		toy shop 		airport 		
	school 		vets 		pool 	
fair 		police station 				beach 
bus stop 		dentist 	Start 		supermarket 	

a) From **Start** go **North 4 squares**. Where are you now?

_____.

b) Now in which direction should I face to go to the café?

_____.

c) You are at the café, go **two boxes North** and then **1 box West**. Where are you now? _____.

d) From the **park** which is the direction of the **hospital**?

_____ boxes. Direction _____

e) What is the compass direction of the **school** from the **police station**?

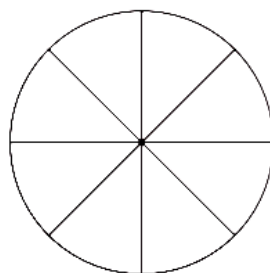
_____ boxes. Direction _____

(7 marks)

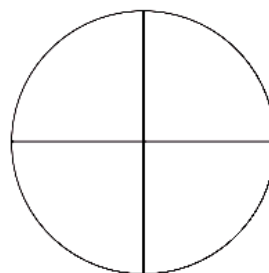
4. Colour in these 2 fractions below:

a.

$\frac{5}{8}$



$\frac{3}{4}$

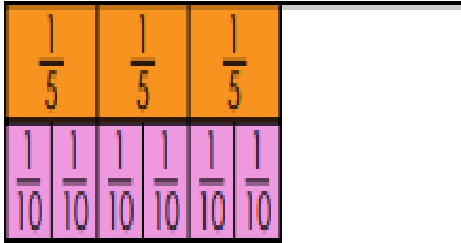


Which is the smaller fraction?

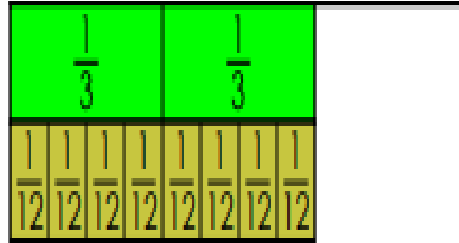
_____ is the smaller fraction

(3 marks)

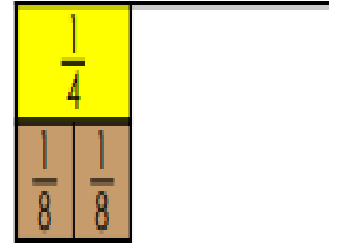
b. Fill in the missing numerator for each fraction:



$$\frac{3}{5} = \frac{\quad}{10}$$



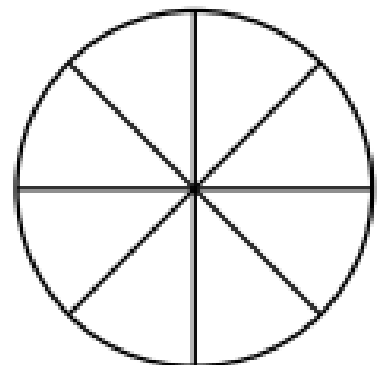
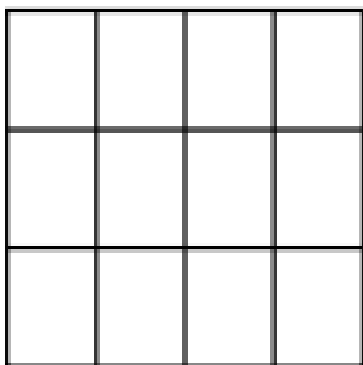
$$\frac{2}{3} = \frac{\quad}{12}$$



$$\frac{1}{4} = \frac{\quad}{8}$$

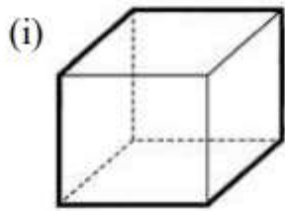
(3 marks)

c. Calculate and colour $\frac{3}{4}$ of each shape



(2 marks)

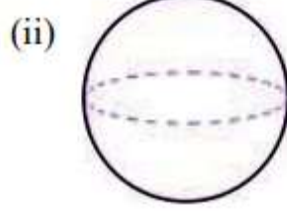
5. Write the number of faces and vertices.



cube

faces

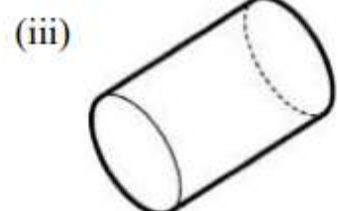
vertices



sphere

faces

vertices



cylinder

faces

vertices

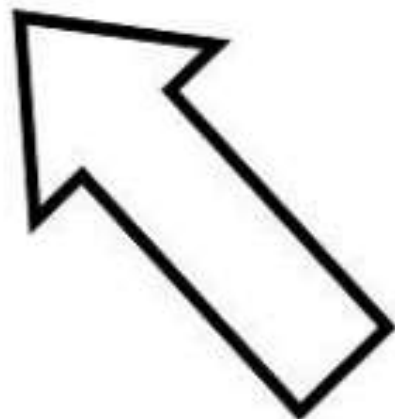
(6 marks)

6. Draw the lines of symmetry on the following diagrams if they have any.

a.



b.



c.



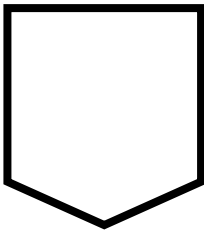
d.



(4 marks)

7. Put a tick (✓) underneath the **quadrilaterals** and a (No) underneath the other shapes.

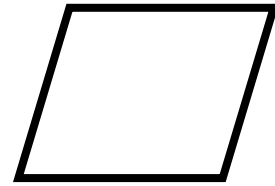
a.



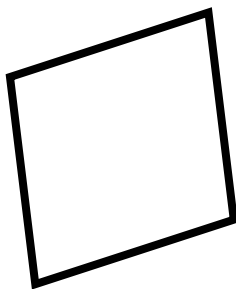
b.



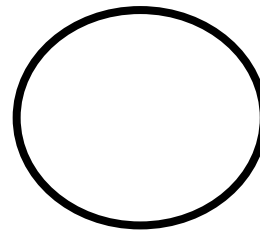
c.



d.



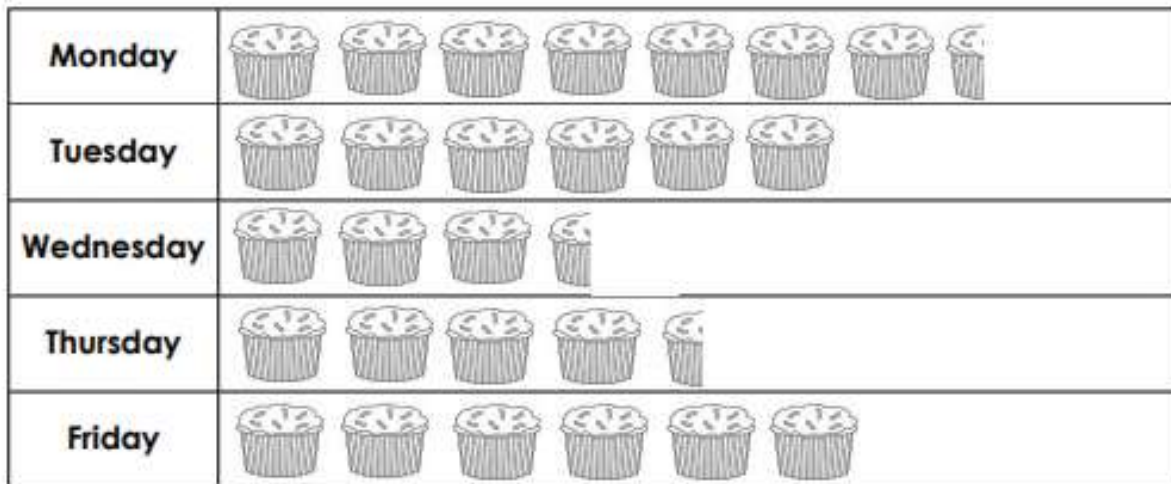
e.




(5 marks)

8. The Cupcake Bakery makes cupcakes and ships them off to supermarkets across the country. The pictographs shows how many cupcakes they bake each day. Use the information from the graph to answer the questions.

Number of Cupcakes Baked



 = 10 cupcakes

- How many cupcakes were baked on Monday? _____
- Were more cupcakes baked on Monday or Friday?

- On which day were the fewest cupcakes baked?

- How many cupcakes were baked on Tuesday and Wednesday altogether? _____
- How many more cupcakes were baked on Friday than Wednesday? _____
- Every day, the Cupcake Bakery, makes two kinds of cupcakes: chocolate and white. On Friday, they baked 20 white cupcakes. How many chocolate cupcakes did they bake?

(9 marks)

9. Loop four pairs to make a total of 100. An example is done for you.

20	80	30
95	65	35
60	5	13
40	87	23

(4 marks)

10. Use the three numbers given to complete below:-

24

x, ÷

8 3

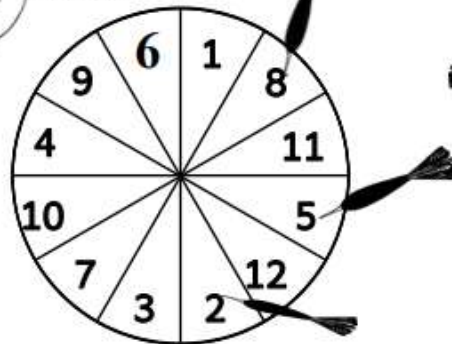
	x		=	
	x		=	
	÷		=	
	÷		=	

(4 marks)

11i. Work out the total points on the dart board.



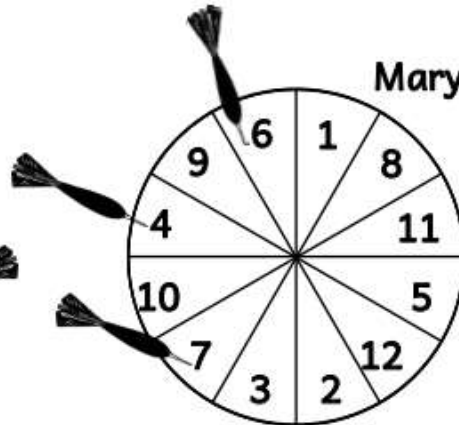
Paul



points



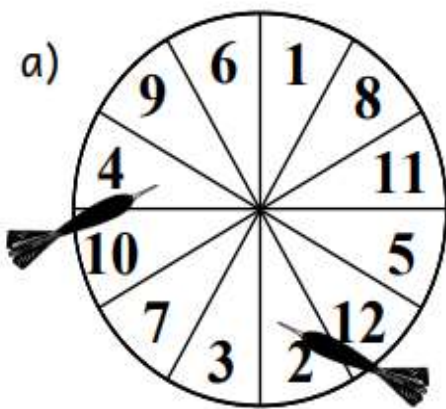
Mary



points

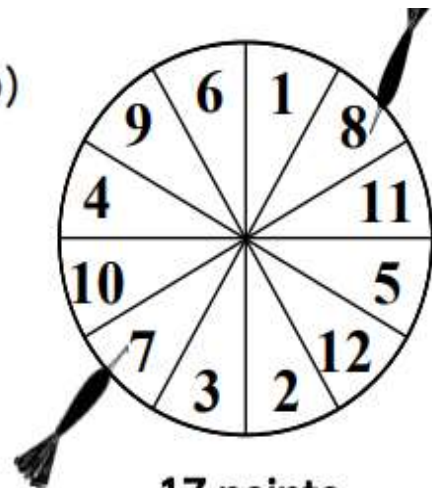
(2 marks)

ii. Circle the missing number on each dart board to match the total points.



11 points

b)



17 points

(2 marks)

12. 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

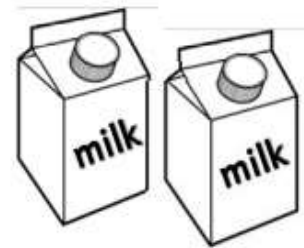
 $\xrightarrow{\text{is } 400 \text{ when rounded to the nearest } 100}$

--

(4 marks)

13. Ben buys two cartons of milk.

Each carton of milk costs 45c



a. How much money does Ben spend? **(total cost)**

--

 c

(2 marks)

b. Ben pays with a **€1** coin. What **change** does he get?

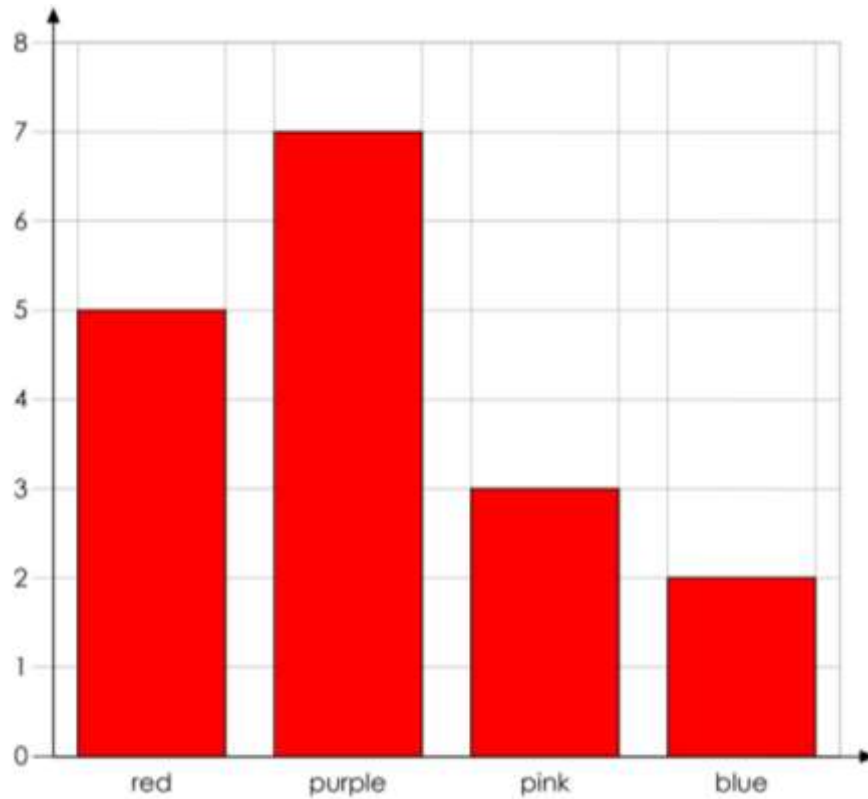
--

 c

(2 marks)

14. Jack counts the flowers in his garden and draws the following bar graph:

Jack's Garden Flowers



a. Did Jack see more red flowers or pink flowers?

b. How many more purple flowers than pink flowers did he see? _____

c. What is the total number of flowers in the garden?

(5 marks)

End of Paper _____