



St Thomas More College
HALF YEARLY PRIMARY EXAMINATIONS

February 2018

YEAR 6

Mathematics

TIME: 1 h 15 min

Name: _____ Class: _____

Total Mark

80

1. Work out the following:

a) $875 + 243 =$

b) $856 - 573 =$

c) $348 \times 6 =$

d) $436 \div 4 =$

2a. Round each number to the **nearest 100**.

i) $537 =$ _____

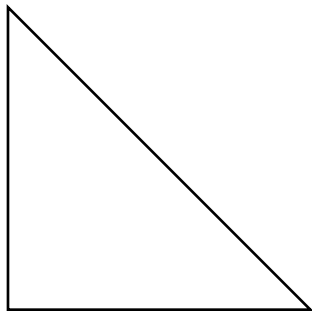
ii) $6927 =$ _____

2b. Round each number to the **nearest euro**.

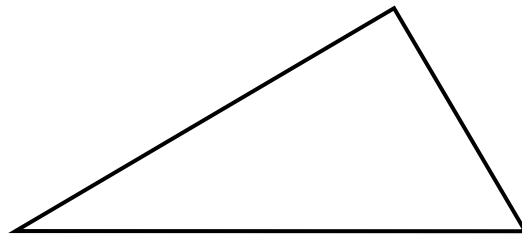
i) $\text{€}59.99 =$ _____

ii) $\text{€}35.45 =$ _____

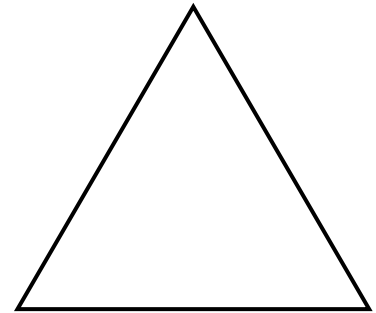
3. Fill in with the correct letters.



A



B



C

1. Which are the right-angled triangles? _____ and _____
 2. Which is an isosceles triangle? _____
 3. Which is an equilateral triangle? _____
 4. Which is a scalene triangle? _____
-

4. Fill in the blanks with one of the following numbers.

49 44 42 30	
a) A multiple of 5 and 6.	_____
b) A multiple of 2 and 7 but not of 5.	_____
c) A multiple of 2, 4 and 11.	_____
d) Not a multiple of 2, 3 and 5.	_____

5. Write these in ascending order (smallest first).

0.35

$\frac{3}{4}$

80/100

1.03

6. To answer, use the following digits:

7

4

3

1

a) Using **all** the digits **only once** write the **largest whole number**.

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b) Using **all** the digits **only once** write the **smallest possible whole even number**.

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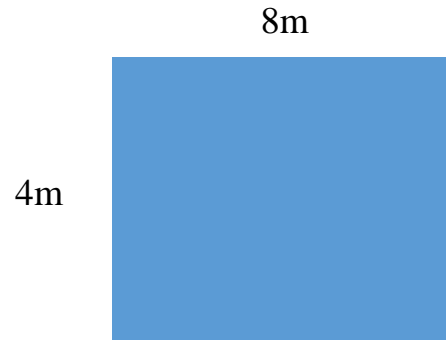
c) Using **all** the digits **only once**, write a number which, when **rounded** to the **nearest ten** is **4370**.

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7. Fill in to make equivalent fractions.

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3														
4														
12														
6														
12														
18														

8. Find the area and perimeter of:

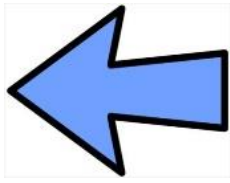


Area	Perimeter
<p style="text-align: right;">_____m²</p>	<p style="text-align: right;">_____m</p>

9. Underline the correct answers.

- a) A cylinder has (2, 3, 4) faces, (2, 3, 4) edges but no vertices.
 - b) A cone has (1, 2, 3) faces, 1 edge and 1 vertex.
 - c) A square-base pyramid has (4, 5, 6) faces, 8 edges and (1, 4, 5) vertices.
-

10.



A



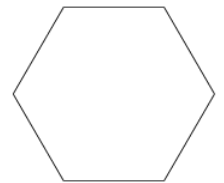
B



C



D

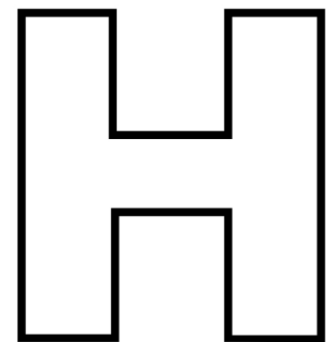
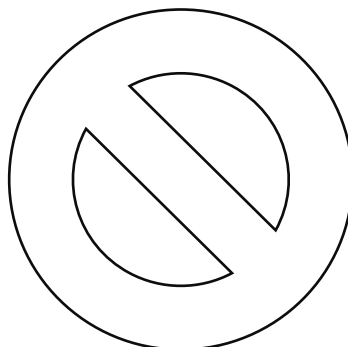
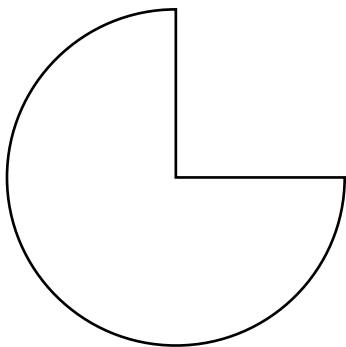


E

Which shape has:

<p>1 line of symmetry</p> <p>Shapes _____ and _____</p>	<p>2 lines of symmetry</p> <p>Shape _____</p>
<p>No lines of symmetry</p> <p>Shape _____</p>	<p>More than 2 lines of symmetry</p> <p>Shape _____</p>

11. Draw the **lines of symmetry** of the following shapes.



12. Mum asked her son to buy from the green grocer.

He bought **350g** strawberries, **0.5kg** bananas, **1250g** oranges and **0.35kg** kiwi.

a) Find the total weight of fruit bought in kilograms.

_____ kg

b) He adds some bananas. Now the total weight of the fruit is **3.75kg**.
What is the total weight in grams?

_____ g

c) What is the weight of the bananas in grams?

_____ g

13. Kyle buys **6.5 metres** of ribbon.



a) Change 6.5 metres into **centimetres**.

_____ cm

b) He cuts the ribbon into equal pieces. One piece is 150 cm long. How many pieces does he have?

_____ pieces

c) How many **metres** of ribbon are left?

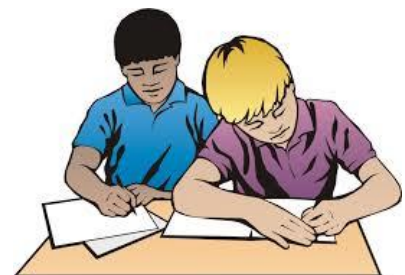
_____ m

14. Ramon spends of $\frac{1}{5}$ the day studying. His brother, Christian, spends $\frac{1}{8}$ of the day studying.

i) Who studies the **most**? Tick (✓) the correct answer.

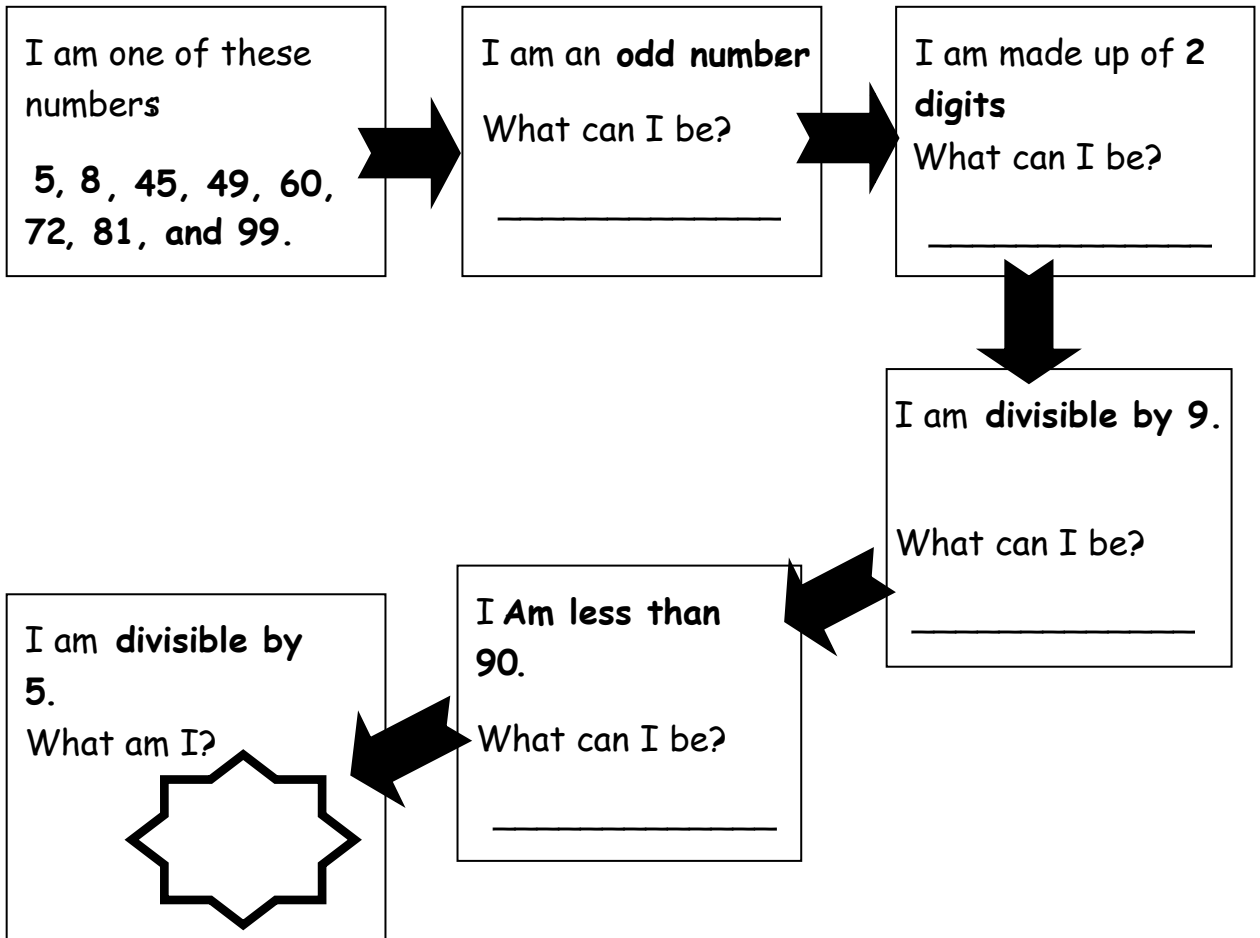
Ramon or Christian

ii) Give a reason for your answer.



15. I am thinking of a number.

Read the clues and find the mystery number.



16. The following is the calendar for the month of October. Use the information in the calendar to answer the questions below.

October						
S	M	T	W	T	F	S
						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					

a) How many Sundays are on the October calendar shown in the picture above?

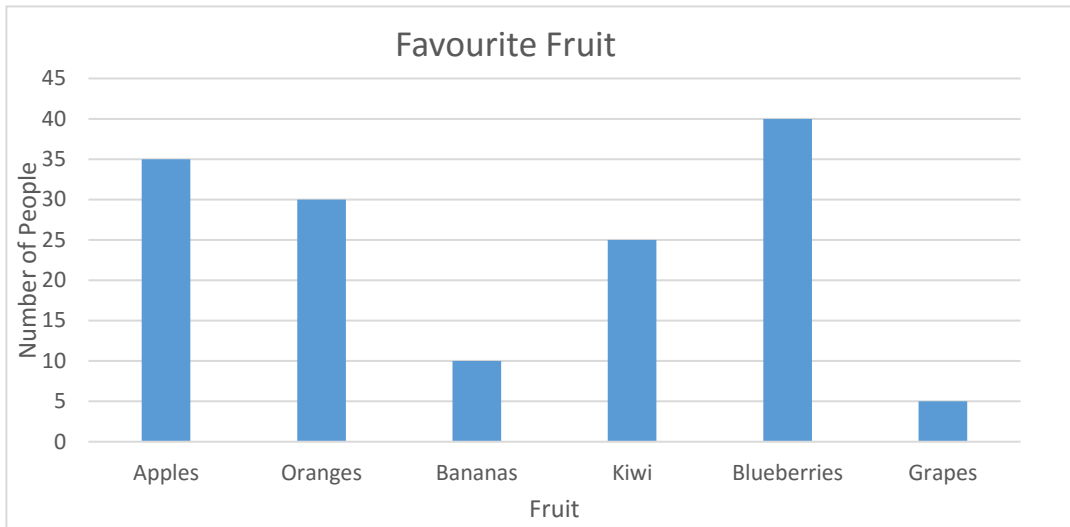
b) On the calendar, mark the first Friday of October.

c) Kiera has piano lessons every Tuesday and Thursday. How many days does she go to piano lessons in October?

d) Kiera circled her birthday on the calendar. Her birthday party is two days later. On what date is her party?

e) 3rd November falls on a _____.

17. The bar graph shows how many pupils in a school prefer which fruit. Use the information in the graph to answer the questions below.



a) What is the title of the bar graph? _____

b) Which is the most popular fruit? _____

c) Which is the least popular fruit? _____

d) How many like Kiwi? _____

e) How many more prefer apples than bananas?

f) What is the total number of fruit?

END OF PAPER			
Marks' distribution:	numbers	1 - 8	4 marks each (32 marks)
		9 - 15	5 marks each (35 marks)
		16	6 marks
		17	7 marks