

ST. Thomas More College

Primary Schools

Half Yearly Examinations

MATHEMATICS WRITTEN

Year 6

February 2017

Time: 1hr 15 minutes

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Total Marks:

1. Work out:

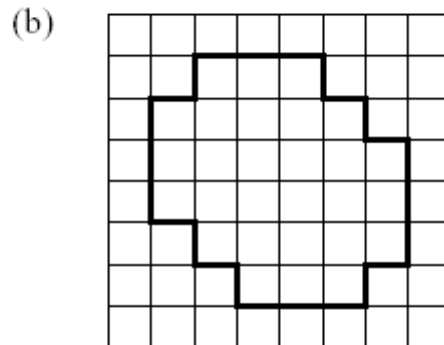
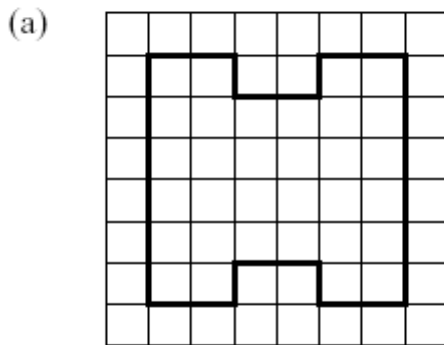
a)  $1023 + 688 =$  \_\_\_\_\_

b)  $800 - 235 =$  \_\_\_\_\_

c)  $2.36 \times$  \_\_\_\_\_  $= 236$

d)  $560 \div 7 =$  \_\_\_\_\_

2. Draw the lines of symmetry of these shapes.



3. Look at this menu.

**Pizza Menu**





Margherita	€5.50
Capricciosa	_____
Maltese	€8.50
BBQ Chicken	_____

a) Pizza Capricciosa costs twice as much as Pizza Margherita while Pizza BBQ Chicken costs 350c more than Pizza Maltese. Fill in the **missing prices** on the menu.

b) A group of 4 friends go out for lunch and they ordered four different pizzas. How much did they spend on pizzas?

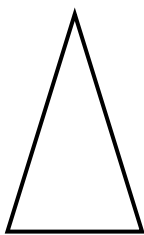
€     .  
\_\_\_\_\_

4. Underline the most suitable weight for each item.

<p>a) The weight of a pencil is</p>  <p>( 1kg, 10g, 1000g )</p>	<p>b) The weight of a boy is</p>  <p>( 30 000g, 3kg, 30 000kg )</p>
<p>c) The weight of a book is</p>  <p>( 2.5 kg, 0.025 kg, 25 kg )</p>	<p>d) The weight of a horse is</p>  <p>( 4.500kg, 45000g, 450kg )</p>

5. Name the following triangles.

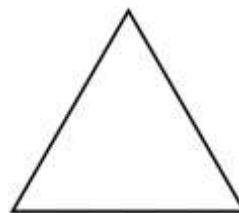
Equilateral	Isosceles	Right-angled	Scalene
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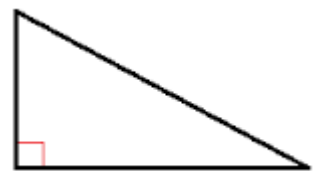
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

6. Mark wants to buy a new tablet. He has to decide between the mini-tablet model and a larger one. The larger tablet is 22cm long and 10cm wide. The mini-tablet is **half** the size.



the mini-tablet



the larger tablet

a) What is the perimeter of the larger tablet?

b) What is the perimeter of the mini tablet?

c) What is the area of the larger tablet?

d) What is the area of the mini tablet?



7. Martina ordered a cake. It was divided into 16 pieces but she ate 2 pieces.

a) What fraction of the cake did she **eat**? Give the answer in its **simplest form**.

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b) What fraction of the cake was **not eaten**? Give the answer in its **simplest form**.

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c) Write an **equivalent fraction** to the answer in question (b).

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d) Which fraction is **bigger**,  $\frac{3}{4}$  or  $\frac{74}{100}$ ?

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e) If Martina ate the same number of pieces each day for 3 weeks, how many pieces did she eat in all?

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\_\_\_\_\_ pieces

8. The distance between Fgura and Marsascalea is 6500m. Ivan walks this distance and back every day from Monday to Friday.

a) How many kilometres does he walk on Monday?

	_____ km
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b) How many metres does he walk in a week?

	_____ m
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c) Change the answer in question (b) into kilometres.

	_____ km
--	----------

d) Which is the **shorter** distance, 6.5km or 6450m?

	_____
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9. Write the value of the **underlined** digits:

i) 450 = \_\_\_\_\_

ii) 7260 = \_\_\_\_\_

iii) 63.5 = \_\_\_\_\_

10. Find the **total** of these numbers: **17.5, 23.52, 100.5 and 8.48**

11. Angles:

a) How many acute angles are there in an equilateral triangle?

\_\_\_\_\_ angles

b) What do we call an angle of 90 degrees?

\_\_\_\_\_

c) What do we call an angle bigger than  $180^\circ$ ?

\_\_\_\_\_

d) What is the total of the three angles of any triangle?

\_\_\_\_\_  $^\circ$

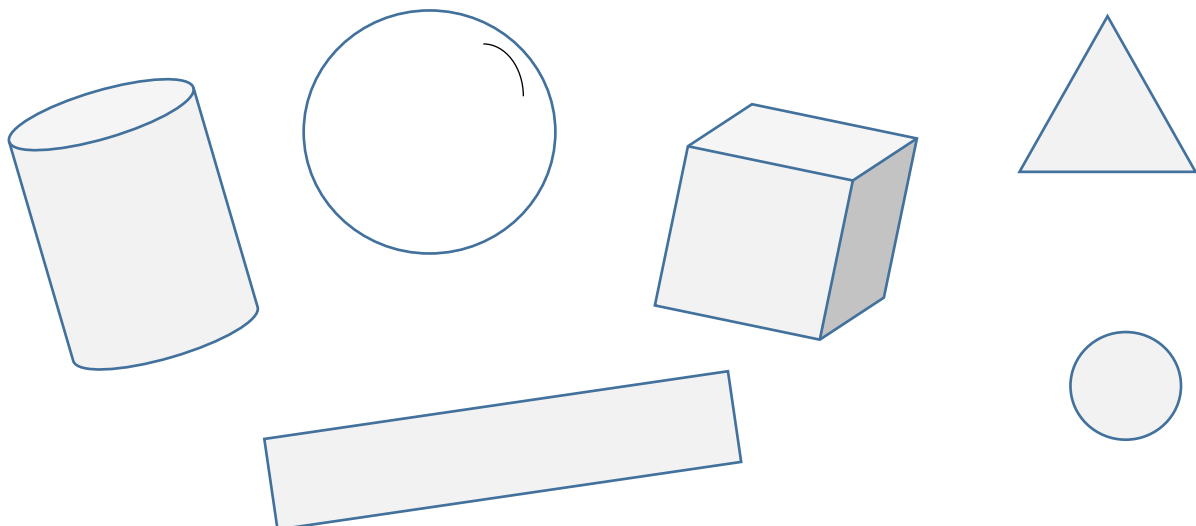
e) If 2 angles of an isosceles triangle are 75 degrees each, what is the size of the third angle?

\_\_\_\_\_  $^\circ$

12. Complete the table below using the given words:

cylinder	sphere	cube	Equilateral triangle	rectangle	<del>Scalene triangle</del>
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e.g.	I am a flat shape with no lines of symmetry.	<b>Scalene triangle</b>
a.	I am a 3d shape with 6 square faces.	
b.	I am a 3d shape with 0 vertices and 2 edges.	
c.	I am a 2d shape with 3 equal sides and 3 lines of symmetry.	
d.	I am a 3d shape with no vertices and no edges.	
e.	I am a 2d shape with 4 sides and 2 lines of symmetry.	



13. This is the Manoel Theatre in Valletta and here is the schedule for the children’s performances.

Underworld dance show	10:00am till 11:20am
Punch and Judy puppet show	1:00pm till 1:45pm
Piano and Violin concert	5:30pm till 7:00 pm
The Sound of Music	7:45pm till 9:45pm



a) On the clock draw the **starting time** for the **Piano and Violin concert**.

b) How long is the **Underworld dance show**?

\_\_\_\_ hr \_\_\_\_ mins

c) The **shortest** performance’s name is \_\_\_\_\_.

d) Amy went to watch **The Sound of Music**. She arrived at the theatre **half an hour before**. At what time did she arrive?

\_\_\_\_: \_\_\_\_ pm

14. This is the **March 2017** calendar.

March 2017						
Sun	Mon	Tues	Wed	Thurs	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			

a. Fill in the **missing dates** for the month of March.

b. How many **Sundays** are there in March 2017? \_\_\_\_\_ **Sundays**.

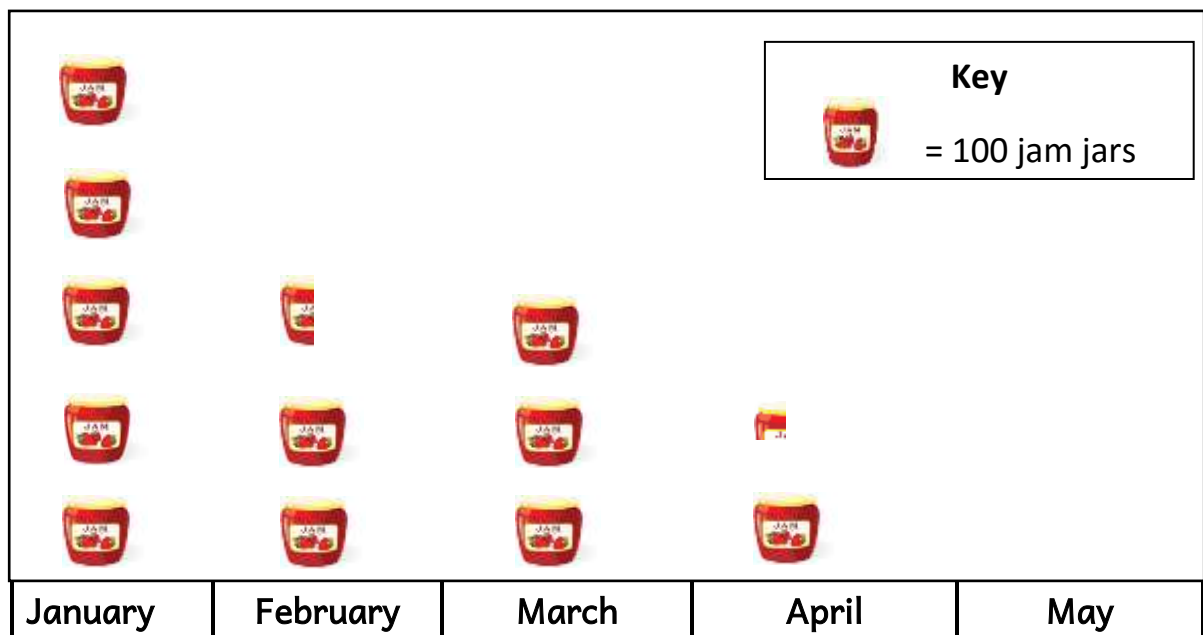
c. Fred celebrates his birthday on the **third day of April**. When will he celebrate his birthday in 2017? Tick (✓) the correct answer:

Sunday _____	Monday _____	Wednesday _____
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d. Jake attends music lessons **every Monday and Thursday**. How many music lessons will he attend during this month?

_____ music lessons
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15. Margie’s food factory produces jars of jam. A study was carried out to find out the number of jars sold in the last five months.



- a. The sales for the month of May is **half that of March**. Complete the pictograph to show this.
- b. The **greatest** number of sales was in \_\_\_\_\_, whilst the **least** was in \_\_\_\_\_.

c) How many jars of jam were sold on **January and February** altogether?

\_\_\_\_\_ jars

d) How many more jars of jam were sold on January than on April?

\_\_\_\_\_ jars

**Table of marks**

Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Marks	4	4	4	4	4	6	6	6	6	5	6	5	6	6	8

