

**ST. Thomas More College**

**Primary Schools**

**Half Yearly Examinations**

**MATHEMATICS WRITTEN**

**Year 5**

**February 2018**

**Time: 1hr 15 minutes**

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



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

**Total Marks:**

1. Work out the following:

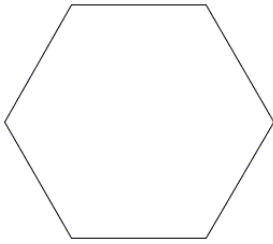
Answer

a	The value of 5 in 1952 is _____	
b	Multiply $16 \times 5$	
c	$93 + 64$	
d	Round 787 to the nearest 10	
e	$1900 \div 10$	
f	_____ + 72 = 266	
g	$\frac{3}{8}$ of 72	
h	Half 382 is	
i	Write five thousand eighty-three in figures	
j	Even + odd + even	

(10 x 2 marks = 20 marks)

2. Name these polygons and underline whether they are regular

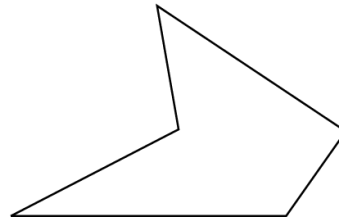
a)



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

Regular/ Irregular

b)



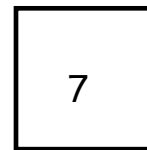
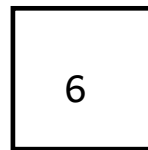
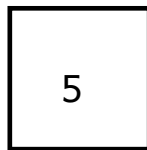
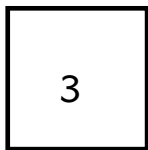
Name: \_\_\_\_\_

Regular/ Irregular

(4marks)

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3. Here are 4 cards



Use all the cards to make the following sum

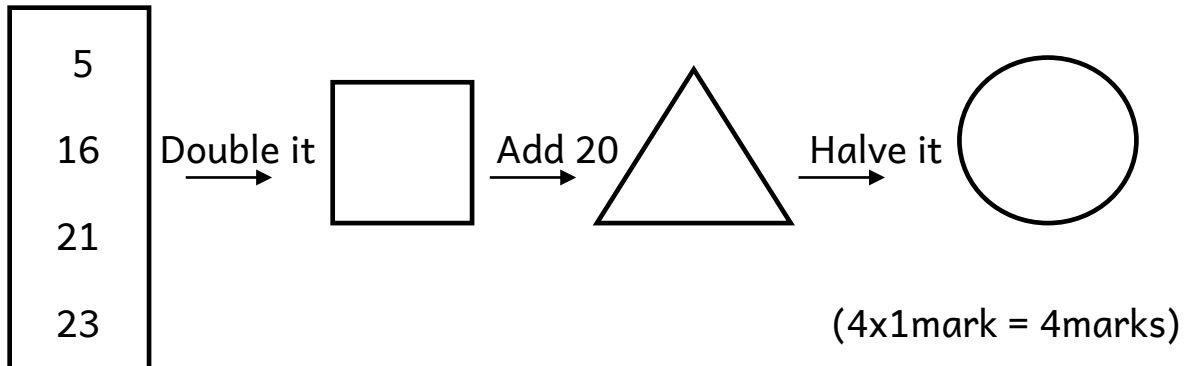
$$\square \square - \square \square = 19$$

(4marks)

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4. Fill in the empty shapes

Circle the **multiple of 3**



5. Convert the following

a.  $3.756\text{km} = \underline{\hspace{2cm}}\text{m}$

b.  $7485\text{g} = \underline{\hspace{2cm}}\text{kg}$

c.  $24\text{weeks} = \underline{\hspace{2cm}}\text{days}$

d.  $5\text{hours } 27\text{minutes} = \underline{\hspace{2cm}}\text{minutes}$

6. Below is the weight of 4 cats



Tiger

12kg



Misty

17kg



Kitty

24kg



Simba

13kg

a. The **lightest** cat is \_\_\_\_\_.





b. \_\_\_\_\_'s weight is **half the weight** of \_\_\_\_\_

c. The **total weight** of the 4 cats is \_\_\_\_\_ kg.

(4x1mark = 4marks)

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7. Joanna did a survey to see how many of her friends could swim or ride a bike. She showed her results in the Carroll Diagram.

	Can ride a bike 	Cannot ride a bike 
Can Swim 	Lily Olivia Jack Tom	Sarah Ruby Harry
Cannot Swim 	James Alfie Emily	Will Chloe Grace

a. How many children can ride a bike but cannot swim? \_\_\_\_\_

b. Name the children who can do both?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

c. Name the children who cannot ride a bike and cannot swim?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

d. Name the children who cannot ride the bike but can swim?

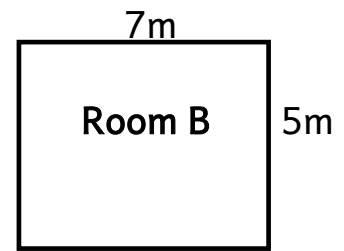
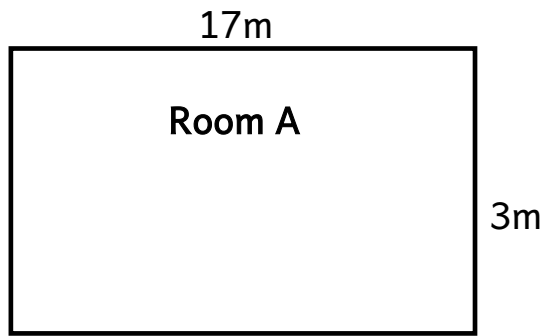
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(4x1mark)

8. Tom wants to put tiles in each room



a. What is the area of each room?

Room A = \_\_\_\_\_m<sup>2</sup>

Room B = \_\_\_\_\_m<sup>2</sup>

(2x2marks= 4marks)

b. Tiles cost €5 per square meter. How much does he spend on tiles for both rooms?

(2marks)

9. John has €500 to spend. He spent  $\frac{1}{4}$  of his money on a car service. After he paid his service, he spent  $\frac{2}{5}$  of what was left on groceries.

a. How much did he pay for his car service?

€\_\_\_\_\_

b. How much money had he left after paying for his car service?

€\_\_\_\_\_

c. How much money did he spend on groceries?

€\_\_\_\_\_

(3 x 2marks = 6marks)

10. Steve has been saving €6 each week. He now has €36.

a. How long has he been saving for?

\_\_\_\_\_weeks

(1mark)

b. He wants to buy a computer game for €24.50. How much money has he left?

€\_\_\_\_.\_\_\_\_\_

(2marks)

c. He then needs to buy a new controller which costs €58. How many weeks does he need to save to buy the controller?

\_\_\_\_\_weeks

(3marks)

11.



a. How many more millilitres of water do I need to fill the jug?

\_\_\_\_\_ml

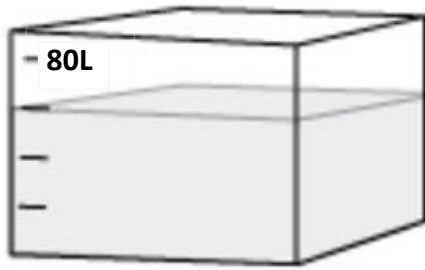
(3marks)

b. James has 1cup that holds 200ml of water. Jack has a bottle that can hold 2litres of water. How many cups can James fill from Jack's bottle?

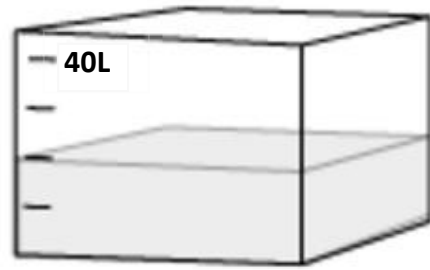
\_\_\_\_\_cups

(3marks)

c.



Fish Tank A



Fish Tank B

How many more litres of water does Fish Tank A hold more than Fish Tank B?

\_\_\_\_\_ L

(3marks)

12. Kasper left his planet at 9:15am and arrived on Earth at 5:30pm.

a. How long had he been flying for?

\_\_\_\_\_hours \_\_\_\_\_minutes

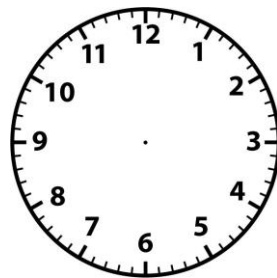
(2marks)

b. Kasper slept for 15minutes on Monday, 35minutes on Tuesday and 45minutes on Wednesday. How long had he slept for? Give your answer in hours and minutes.

\_\_\_\_\_hours \_\_\_\_\_minutes

(2marks)

c. He left his spaceship at 9:20am and went for a walk. He walked for 1hour 10minutes and stopped for lunch. Mark the time he stopped for lunch on the clock.



(2marks)

13. Use the following clues to find the mystery number

a.

It is between 1,000 and  
2,000

The tens digit is 6 more  
than the thousands  
digit.

None of the digits is 0.

The ones digit is an even  
number less than 4.

The hundreds digit is the sum of  
the tens digit and the ones digit.

What is the mystery  
number?

\_\_\_\_\_

13. b.

This number has 4  
different digits.

Every digit is an odd  
number.

None of the digits is 9.

The smallest digit is in  
the thousands place.

The largest digit is in the ones  
place.

What is the mystery  
number?

\_\_\_\_\_