



St. Thomas More College

Primary Schools

Half Yearly Examinations

MATHEMATICS WRITTEN PAPER

Year 4

February 2017


Time: 1 hr 15 mins

Name: _____

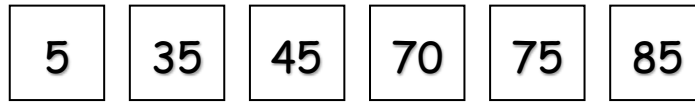
Class: _____

MARKS

1. Work out

a)	<input type="text"/> + 5 = 50
b)	50 - <input type="text"/> = 35
c)	Add <input type="text"/> 400 <input type="text"/> 30 <input type="text"/> 1 <input type="text"/>
d)	What is the value of 4 in 423? Tick (✓) the correct answer 4 thousands <input type="checkbox"/> 4 units <input type="checkbox"/> 4 hundreds <input type="checkbox"/>
e)	Write the number two thousand nine hundred and seventy-eight in digits <input type="text"/>
f)	Complete the number chain below <input type="text"/> 2 $\xrightarrow{\times 3}$ <input type="text"/> $\xrightarrow{\times 3}$ <input type="text"/>
g)	90 minutes = <input type="text"/> hour <input type="text"/> minutes
h)	1 year = <input type="text"/> months
i)	Fill in with \leq \geq or = (i) 1 kg 550 g _____ 1 $\frac{1}{2}$ kg (ii) 250 ml _____ $\frac{1}{4}$ l
j)	Here are 10 triangles. Colour $\frac{1}{5}$ of them. 

2. Fill in the blanks with numbers from the cards below to make 100. One number is extra!



- a. _____ + 30 = 100
- b. 55 + _____ = 100
- c. 15 + _____ = 100
- d. 25 + _____ = 100
- e. _____ + 95 = 100
-

3. An ice cream van sells 34 lollies and 172 cones in a day.

i. How many **lollies** were sold to the **nearest 10**?

_____ lollies

ii. How many **cones** were sold to the **nearest 100**?

_____ cones

iii. What did the ice cream van sell **most**?

The ice-cream van sold **more** _____.

iv. How many lollies and cones were sold **altogether**?

_____ altogether



4. Becky and her mother are preparing party bags for Becky's birthday party. In each party bag they put: a small toy, 2 muffins and 10 gummy bears.

a. If they pack a total of 44 muffins, how many children are invited to the party?

_____ children

b. How many gummy bears do they need?

_____ gummy bears

5. Mariah has 255 stickers in her album.

a. Last Saturday she bought **another 16 stickers**. How many stickers does she have now?

_____ stickers

b. If a full album holds **475 stickers**, how many **more stickers** does she need to complete it?

_____ stickers

c. Each **packet** of stickers costs **80c**. Mariah wants to buy **another 5 packets**. How much money does she need?

_____ c

d. If she takes €10 with her to the shop, how much change will she get?

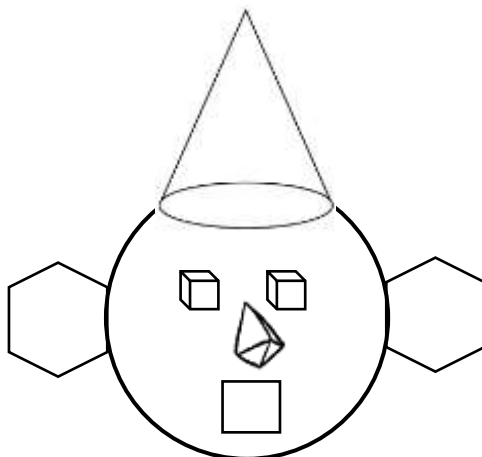
€ ____ . ____

6. Look at the calendar below and answer the questions.

December 2016						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
			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. **Finish** the calendar.
- b. How many **Mondays** are there? _____
- c. What day was the **last day of November**? _____
- d. Eric goes on holiday on **8th December**:
- What **day** does he leave? _____
 - His holiday is **2 weeks long**. For how many days will he be on holiday? _____ days

7. Look at the face below, then answer the questions about it:

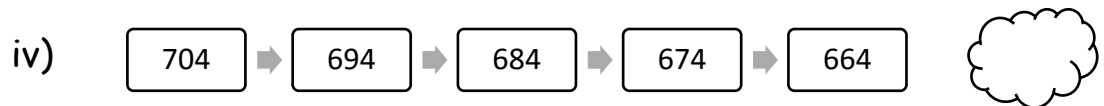
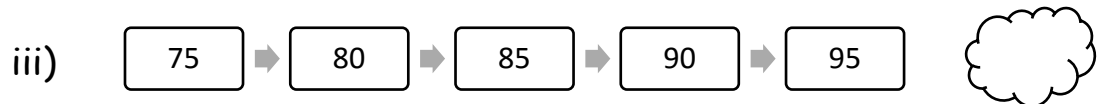
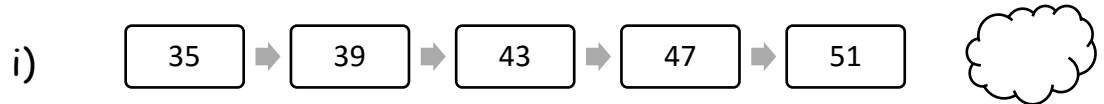
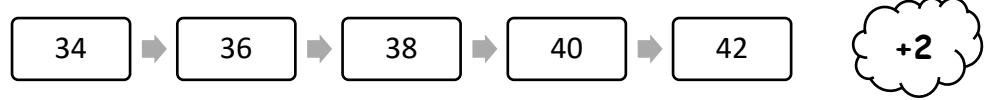


- a. The **hat** is **shaped** like a _____. It has **2 faces**, **1 vertex** and **1 edge**.
- b. **Cubes** are used for the eyes. Cubes have **6 faces**, _____ **vertices** and **12 edges**.
- c. The **nose** is made using a **square-based pyramid**. It has **5 faces**, **5 vertices** and _____ **edges**.
- d. The **mouth** is made using a **square**. It has _____ **equal sides**.
- e. The ears are made using a _____. These have **6 sides** and **6 vertices** each.

8. Look at these sequences and answer the questions about them:

a. Write how much is added or subtracted in the cloud:

Example:



b. Continue these sequences, by writing the missing numbers.

Example: 410, 510, 610, 710, 810, 910, 1010

i. 446, 447, 448, _____, 450, 451, _____

ii. 58, 55, 52, 49, _____, _____, 40

iii. 89, 99, _____, 119, _____, 139, 149

iv. 662, _____, 658, 656, _____, 652

9. Martin & Maria go to a houseware shop to buy some items for their kitchen:

Kettle	Toaster	Blender	Set of 18 Wine Glasses	Set of 12 Plates
				
€30	€45	€80	€18	€50

a. They can't spend more than €100. Write YES or NO:

- i. Can they buy the **blender** and the **wine glasses**? _____
- ii. Can they buy the **kettle**, the **toaster** and the **plates**? _____

b. They decide to buy the **kettle**, the **toaster** and the **wine glasses**.

i) How much do they cost?

€ _____

ii) What **change** will they get from **€100**?

€ _____

iii) What is the **least amount of notes and coins** they will get as **change**?

10. The Year 4 children in a school took part in a survey. They wanted to compare results gathered from boys to those gathered from girls.

Use the following pictographs to answer the questions:

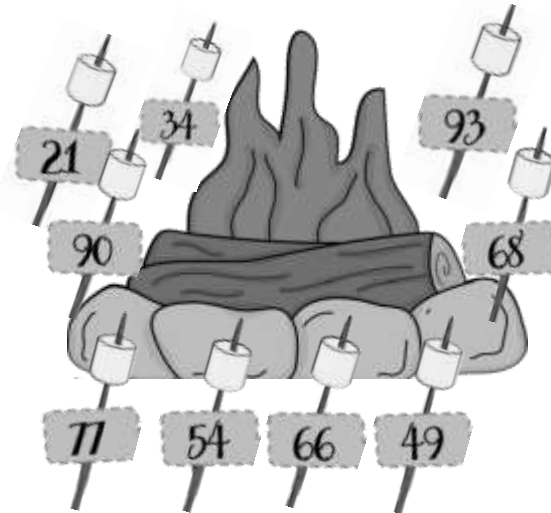
Boys	
Basketball	○○○
Football	○○○○○○○○○○○
Tennis	○○○
Martial Arts	○○
Gymnastics	○○○○○

Girls	
Basketball	○○○
Football	○○○○○○○○○
Tennis	○○○○○○○
Martial Arts	○○
Gymnastics	○○○○○○○○○

Key	
○	→ 2 students

- i) How many **boys** train tennis? _____
- ii) How many **girls** train gymnastics? _____
- iii) In which **sport** is the number of boys and girls **equal**? _____
- iv) How many **boys** train martial arts? _____
- v) How many **boys** train football? _____
- vi) How many **girls** took part in the **survey**? _____

11. Look carefully at the numbers on the marshmallows then answer the questions below:



a. Find an odd number between 70 and 80: _____

b. Find two odd numbers which are less than 50:

_____ and _____

c. Find the next two even numbers after 64:

_____ and _____

d. Choose an odd and an even number which add up to 89.

_____ + _____ = 89

e. Choose an odd number and an even number. Subtract the even number from the odd number.

_____ - _____ = 3

12. Use these numbers to complete the multiplication facts. Each number can be used only once and one number is extra!

5 10 ~~90~~ 3 21 ~~9~~ 40 6 ~~7~~ ~~8~~

a. $\boxed{9} \times \boxed{} = \boxed{90}$

b. $\boxed{7} \times \boxed{} = \boxed{}$

c. $\boxed{8} \times \boxed{} = \boxed{}$

END OF EXAMINATION PAPER

Table of marks

Number	1	2	3	4	5	6	7	8	9	10	11	12
Marks	20	5	4	4	5	5	5	8	8	6	5	5

21	34	54	68	93
90	77	66	49	