



# St. Thomas More College

Primary Schools

Half Yearly Examinations

## MATHEMATICS MENTAL PAPER

Year 6

February 2015

Time: 15 minutes

### Teacher's Paper

#### Guidelines for the conduct of the Mathematics Examination – Mental Paper

1. Words written in **bold** should be **emphasised**.
2. Read, **loudly and clearly, each question twice in succession**, and then allow 5, to 10, to 20 seconds as the test progresses through the three sections.
3. Access to rough paper for working out answers is **not allowed**. Any working on the answer sheet, however, will not be penalised.
4. The questions should be read out in **English** and **no code-switching/mixing is allowed**. Code-switching is permitted **only** for giving pupils instructions.

5. Before starting the test, read out the following instructions, using **exactly these words**:

- *I will read out each question twice. Listen carefully both times. You will then have time to work your answer.*
- *Se naqralkom kull mistoqsija darbtejn wara xulxin. Isimgħuni sew. Wara jkollkom il-ħin biex twegbuha.*
- *If you make a mistake, cross out the wrong answer and write the correct answer next to it.*
- *Jekk tieħu żball f'xi risposta, aqtagħha u ikteb ir-risposta t-tajba ħdejha.*
- *You will not be allowed to ask any questions once the test has started.*
- *Ma tistgħux issaqsu mistoqsijiet hekk kif it-test jibda.*

6. At the end of the test, read out the following instructions, **using exactly these words**:

- *The test is finished; put down your pens.*
- *It-test spiċċa; poġġi l-bajrow fuq il-mejda.*

## MENTAL PAPER

*'For the following group of questions, you will have 5 seconds to work out each answer and write it down.'*

*'Għal dawn il-mistoqsijiet li ġejjin, għandek 5 sekondi biex taħdem u tikteb kull risposta.'*

1.	What is <b>half</b> of <b>forty-two</b> ?
2.	How many <b>vertices</b> does a <b>cone</b> have?
3.	What is <b>the product</b> of <b>five</b> and <b>seven</b> ?
4.	<b>Round five hundred and seventy-two</b> to the <b>nearest hundred</b> .
5.	How many <b>lots of six</b> in <b>thirty-six</b> ?

***‘For the following group of questions, you will have 10 seconds to work out each answer and write it down.’***

***‘Għal dawn il-mistoqsijiet li ġejjin, għandek 10 sekondi biex taħdem u tikteb kull risposta.’***

<b>6.</b>	What must be <b>added</b> to <b>two hundred and twenty</b> to make <b>one thousand</b> ?
<b>7.</b>	Listen to these numbers <b>thirteen, forty-eight</b> and <b>ninety-three</b> . Which of these numbers <b>is not divisible by three</b> ?
<b>8.</b>	What is the <b>total</b> of <b>thirteen, seventy-seven</b> and <b>fifty-five</b> .
<b>9.</b>	Find <b>one fourth</b> of <b>one hundred</b> .
<b>10.</b>	How many <b>degrees</b> in <b>one whole turn</b> ?
<b>11.</b>	Calculate <b>two sevenths</b> of <b>twenty-one</b> .
<b>12.</b>	How many <b>centimetres</b> are there in <b>two metres</b> ?

13.	Write <b>six eighteenths</b> in its <b>simplest form</b> .
14.	Which is the <b>larger</b> ? <b>One fourth</b> or <b>seven tenths</b> ?
15.	I think of a number and <b>halve it</b> . The answer is <b>three hundred sixty</b> . Which number did I start with?

***‘For the following group of questions, you will have 20 seconds to work out each answer and write it down.’***

***‘Għal dawn il-mistoqsijiet li ġejjin, għandek 20 sekonda biex taħdem u tikteb kull risposta.’***

16.	<b>A side of a square is nine centimetres.</b> Work out the <b>area</b> of the square.
17.	Give an <b>estimate</b> for <b>twenty-nine multiplied by thirty-one</b> .
18.	A <b>regular hexagon</b> has sides of <b>five point five centimetres</b> . What is its <b>perimeter</b> ?
19.	I think of a number. I <b>divide</b> it by <b>ten</b> . The answer is <b>forty-seven point two five</b> . What was the number?
20.	There are <b>fifty-six</b> sweets in a jar. <b>Sixty-nine more</b> sweets are put in this jar. <b>Thirty-nine</b> are eaten. How many sweets are left in the jar?

END OF MENTAL PAPER