

**Annual Examinations for Primary Schools 2023**

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**Year 6**

**MATHEMATICS SAMPLE MENTAL PAPER**

**TIME: 15 mins**

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**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 naqralek kull mistoqsija darbtejn wara xulxin. Ismagħni sew. Wara jkollok il-ħin biex tweġibha.
  - 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 tistax tistaqsi mistoqsijiet hekk kif jibda t-test.
  - You may do your working on the free space on the paper but write your answer in the box given. Tista' tuża' l-ispazju vojjt fil-karta għall-working, iżda fil-kaxxa ikteb biss ir-risposta.
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 spicċa; poġġi l-bajrow fuq il-mejda.*

## MENTAL PAPER

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

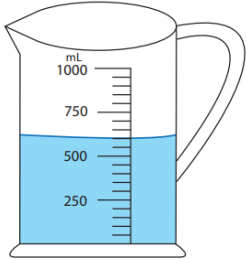
*'Għal dawn il-mistoqsijiet li ġejjin, għandek 5 sekondi biex taħseb u tikteb kull risposta.'*

1	How many <b>tens</b> are there in <b>sixty-four</b> ?
2	How many <b>lines of symmetry</b> are there in a <b>rectangle</b> ?
3	<b>Multiply eight</b> by <b>four</b> .
4	How many <b>millilitres</b> are there in <b>zero point five litres</b> ?
5	<b>Round six hundred thirty-five</b> to the nearest <b>ten</b> .

*'For this group of questions, you have 10 seconds to work out each answer and write it down.'*

*'Għal dawn il-mistoqsijiet li ġejjin, għandek 10 sekondi biex taħseb u tikteb kull risposta.'*

6	Look at the numbers on your sheet. <b>Hundred fifty, Hundred twenty-five, Hundred...</b> What is the <b>next number</b> in the <b>sequence</b> ?
7	<b>Twenty-seven pencils</b> are grouped in <b>packets of threes</b> . <b>How many groups</b> are there?
8	What is the <b>total</b> number of <b>days</b> in <b>July and August</b> ?
9	What must be <b>added</b> to <b>three point two five</b> to make <b>five</b> ?
10	How many <b>sides</b> are there in <b>six equilateral triangles</b> ?
11	Tick the <b>best estimate</b> of the <b>mass</b> of <b>ten apples</b> . <b>Hundred grams, two hundred grams, one kilogram or two kilograms?</b>
12	How many <b>cents</b> are there in <b>ten euro</b> and <b>five cents</b> ?
13	<b>Circle</b> the fraction that is <b>larger than one half</b> ? <b>One eighth, three quarters, one fifth, two sixths.</b>

14	What is the <b>double</b> of <b>five hundred and ninety</b> ?
15	<p><b>How much water</b> is in the jug?</p> <p><b>Read the level of water</b> in the jug.</p> 

*For this group of questions, you have 20 seconds to work out each answer and write it down.'*

*'Għal dawn il-mistoqsijiet li ġejjin, għandek 20 sekondi biex taħseb u tikteb kull risposta.'*

16	<p>A <b>minivan</b> can carry <b>seven passengers</b>.</p> <p>What is the <b>least number</b> of minivans needed to carry <b>twenty-six passengers</b>?</p>
17	<p>A film <b>starts</b> at <b>quarter past 3</b> and <b>finishes</b> at <b>half past 4</b>.</p> <p><b>How long</b> is the film?</p> <p>Write your answer in <b>hours</b> and <b>minutes</b>.</p>
18	<p>In a Maths test, the <b>mean mark</b> of <b>twelve children</b> is <b>80</b>.</p> <p>What is the <b>total number of marks</b> of the <b>twelve children</b>?</p>
19	<p>A child is facing <b>North-West</b> and turns <b>one and a half right angles anticlockwise</b>.</p> <p>Which <b>direction</b> is the child facing now?</p>
20	<p>I am <b>between sixty and seventy</b>.</p> <p>I am a <b>cube number</b>.</p> <p>Which <b>two-digit</b> number am I?</p>

**END OF MENTAL PAPER**