

**Babar Masood**

## **KS2 Mental Maths**

	<p><b>Year 6</b> <b>Age: 10-11</b></p>	
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*Twenty 10 Minutes Mental Maths*  
*Tests with Answers*

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**Ideal Practice for KS2 SATs**

Our 10 Minutes Mental Maths Tests for KS2 provide a very useful practice for the type of questions that appear in the new Arithmetic and Reasoning tests for the national SATs tests and for other aspects of mathematics indicated by the national Framework for Teaching Mathematics. These tests provide a good practice for 11+ Mathematics tests as well.

Key features of the tests:

- There are 20 mental math tests.
- These tests are not too long for the students to get bored.
- Each of the tests should take up to 10 Minutes.
- Answers have been provided at the end of the book.
- The book contains a bank of 400 short and long maths questions
- Doing these test will boost children's confidence as it provides a plenty of practice in all the key aspects of the national curriculum.
- Each question is worded that will improve student's reading ability.
- Each question provides a space next to it to write down the answer.
- Some questions come with hints.
- Pictures and diagrams have been provided wherever necessary.
- The structure of each test follows a similar pattern but the questions get more challenging as children work their way through the book.

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**Year 6 - 10 Minutes Mental Arithmetic Test 12**

First Name:..... Last Name:.....

Date:..... (IEL Tutors) Marks: / 20

**IEL Tutors 07988792565 - Sample Paper**

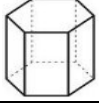
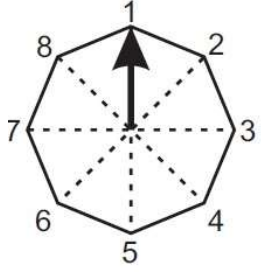
*'For this group of questions, you will have 2 minutes to work out all answers and write them down in the spaces next to each question.'*

<b>1</b>	How many hundreds are there in two thousands?		
	$2000 \div 100$		
<b>2</b>	Subtract thirty-one from fifty.		
	$50 - 31$		
<b>3</b>	What is eleven multiplied by eleven?		
	$11^2$		
<b>4</b>	How many millimetres are in five centimetres?		
	5 cm	mm	
<b>5</b>	What is one-fifth of fifty-five?		
	$\frac{1}{5}$ of 55		

*'For this group of questions, you will have 5 minutes to work out all answers and write them down in the spaces next to each question.'*

<b>6</b>	Double seventy-five and then double your answer.		
	$75 \times 2 \times 2$		
<b>7</b>	What number is exactly half-way between twenty and seventy?		
	20 & 70		
<b>8</b>	Add one pound thirty to four pounds eighty.		
	$\pounds 1.30 + \pounds 4.80$	£	
<b>9</b>	What time is it eight hours after eight am?		
	8am + 8 hours	pm	
<b>10</b>	Four cakes cost fifty pence. How many cakes will you get for eight pounds?		
	4 cakes = 50 p	cakes	

**IEL Tutors 07988792565 - Sample Paper**

11	Look at the numbers given below. Put a ring around the number that is closest to one-fifth.	
	0.24    0.19    0.23    0.50    0.35	
12	Imagine a hexagonal prism. How many edges does it have?	
		edges
13	What is thirty one point four take away nineteen point six?	
	31.4 - 19.6	
14	If I spin the arrow round 225 clockwise, which number will the arrow be pointing at now?	
		
15	What is five percent of four hundred?	
	5% of 400	

**IEL Tutors 07988792565 - Sample Paper**

*'For this group of questions, you will have 3 minutes to work out all answers and write them down in the spaces next to each question.'*

16	Add together 110, 150 and 190.	
	110 + 150 + 190	
17	I thought of a number. I halved it and added ten and my answer was fifty-five. What was my number?	
	$(x \div 2) + 10 = 55$	$x =$
18	Write 30 as the product of three prime factors (numbers).	
	60 = _____ × _____ × _____	
19	What is ten take away nought point nought five?	
	10 - 0.05	
20	Three note books cost four pound and fifty pence. How much will nine books cost?	
	cost of 3 books = £4.50	cost of 9 books = £

*'Now put down your pen or pencil. The test is finished.'*

**IEL Tutors 07988792565 - Sample Paper**

# Year 6 - 10 Minutes Mental Arithmetic Test 12

## Answers

Time: 5 Seconds

<b>1</b>	<b>20</b>	two thousands
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<b>2</b>	<b>19</b>	50 - 31
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<b>3</b>	<b>121</b>	$11^2$
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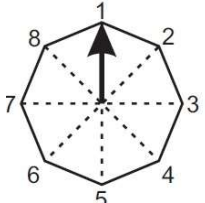
<b>4</b>	<b>50 mm</b>	5cm × 10
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<b>5</b>	<b>11</b>	$\frac{1}{5} \times 55$
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<b>11</b>	0.24	<b>0.19</b>	0.23
		0.50	0.35

<b>12</b>	<b>18 edges</b>	Hexagonal prism
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<b>13</b>	<b>11.8</b>	31.4 - 19.6
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<b>14</b>	Each step is 45 degrees so	
	<b>7</b>	

<b>15</b>	<b>20</b>	5% of 400
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Time: 10 Seconds

<b>6</b>	<b>300</b>	$75 \times 2 \times 2$
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<b>7</b>	<b>45</b>	20 & 70
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<b>8</b>	<b>£6.10</b>	£4.80 + £1.30
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<b>9</b>	<b>4 pm</b>	8am + 4 h = 12pm 12pm + 4 h = 4 pm
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<b>10</b>	<b>64 cakes</b>	50p = 4 cakes
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Time: 15 Seconds

<b>16</b>	<b>450</b>
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<b>17</b>	<b>90</b>	$(x \div 2) + 10 = 55$
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<b>18</b>	<b>30 = 2 × 3 × 5</b>
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<b>19</b>	<b>9.95</b>	10 - 0.05
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<b>20</b>	<b>£13.50</b>	£4.50 9
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