

Babar Masood

KS2 Mental Maths

	<p>Year 5 Age: 9-10</p>	
---	---	---

Twenty 10 Minutes Mental Maths

Tests with Answers

WARNING: THESE TESTS AND THEIR CONTENTS ARE STRICTLY COPYRIGHT TO THE IEL TUTORS. ANY UNAUTHORISED REPRODUCTION, MODIFICATION, DISTRIBUTION, DISPLAY, TRANSMISSION OR PUBLICATION OF THIS PAPER OR ANY CONTENT CONTAINED HEREIN IS ILLEGAL AND IS EXPRESSLY PROHIBITED.

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.

For more information contact us:

IEL Tutors
Sun Street Centre
RG1 3JX
Reading

ieltutors@outlook.com

0044 7988 792565

IEL Tutors is the trading name of Isha Enterprises Ltd

Year 5 - 10 Minutes Mental Arithmetic Test 12

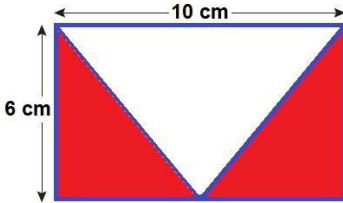
First Name:..... Last Name:.....

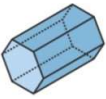
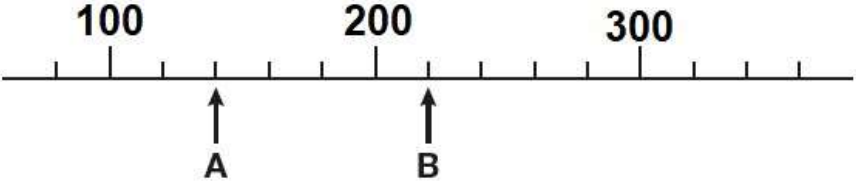
Date:..... (IEL Tutors) Marks: / 20

'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.'

1	Write the number 990,009 in words.		
2	Subtract seventeen from fifty.		
	50 - 17		
3	What is twelve squared?		
	12 ²		
4	How many millimetres are in five metres?		
	5 m	mm	
5	What is one-fifth of eighty-five?		
	$\frac{1}{5}$ of 85		

'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.'

6	What is twenty times forty times fifty.		
	20 × 40 × 50		
7	What number is exactly half-way between five and seventeen?		
	17 & 5		
8	What must be added to £1.59 to make £10?		
	£10 - £1.59	£	
9	What time is it six hours after seven am?		
	7am + 6 hours	pm	
10	Look at the shape below. What is the area of the white part?		
		cm ²	

11	Put a ring around the fraction below that is equal to 33%.	
	$\frac{1}{4}$ $\frac{2}{3}$ $\frac{2}{5}$ $\frac{2}{6}$ $\frac{3}{8}$	
12	How many faces, edges and vertices does a hexagonal prism have?	
	faces = _____, vertices = _____, edges = _____	
13	I can run round my school's 200 m track in 1 minute 8 seconds. How long would 50 m take if I run at the same speed?	
	200m in 1 min 8 sec	_____ seconds
14	Which numbers are the arrows pointing to on the number line below?	
		A = _____ B = _____
15	What is ninety percent of six hundred and fifty?	
	90 % of 650	

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	What is $4\frac{1}{4}$ hours added to $3\frac{1}{3}$ hours in minutes?	
		_____ minutes
17	I thought of a number. I halved it and took away 5 and my answer was fifteen. What was my number?	
	$(x \div 2) - 5 = 15$	$x =$ _____
18	Write 70 as the product of three prime factors.	
	$70 =$ _____ \times _____ \times _____	
19	If 45 out of 200 cars passed their MOT tests, what fraction (in its lowest term) failed?	
	$\frac{155}{200}$	_____
20	What is the sum of 5 litres, 247 ml and 15.2 litres?	
		_____ ml

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

IEL Tutors 07988792565 - Sample Paper

Year 5 - 10 Minutes Mental Arithmetic Test 12

Answers

Time: 5 Seconds

1 **Nine hundred and ninety thousand and nine**

2 **33**

3 **144**

4 **5000**

5 **17**

11 $\frac{2}{6} = \frac{1}{3} = 33\%$

12 **faces=8, vertices=12, edges=18**

13 **17 seconds**

14 **A = 140 , B = 220**

15 **585**

Time: 10 Seconds

6 **40,000**

7 **11**

8 **£8.41**

9 **1:00 p.m.**

10 $\frac{10 \times 6}{2} =$
30 m²

Time: 15 Seconds

16 **455 minutes or 7 h 35 min**

17 **X = 40**

18 **70 = 2×5×7**

19 $\frac{31}{40}$

20 **5000+247+15200 = 20,447 ml**