Year 6 MENTAL MATHS TESTS

Autumn Test 6

Questions, Answers, Strand and Level Information

Read the following instructions or press 'play' and listen to the instructions being read from the CD-ROM. Listen carefully to the instructions I am going to give you. When I have finished reading them, I will answer any questions. However, you will not be able to ask any questions once the test has begun.

I am going to ask you 20 questions for the test. On your sheet there is an answer box for each question, where you should write the answer to the question and nothing else. You should work out the answer to each question in your head, but you may jot things down outside the answer box if this helps you. Do not try to write down your calculation because this will waste time and you may miss the next question. For some of the questions, important information is already written down for you on the sheet.

I will read out each question twice. Listen carefully both times. You will then have time to work out your answer. If you cannot work out an answer, put a cross in the answer box. If you make a mistake, cross out the wrong answer and write the correct one next to it. There are some easy and some harder questions, so do not be put off if you cannot answer a question.

Now pause, or press 'pause' on your CD player or computer. Ask the children if they have any questions. Once you have answered all questions, read out the following instructions. Alternatively, play the audio recording from the CD-ROM.

		Answer	Strand	Level					
Now we are ready to start the test. For this group of questions you will have 5 seconds to work out each answer and write it down.									
1	Write in figures the number three thousand and three.	3003	2	4	l				
2	Subtract thirty-three from one hundred.	67	3	3	l				
3	What is six squared?	36	3	4	l				
4	Find one-seventh of twenty-one.	3	4	4	l				
5	How many sides has a hexagon?	6	5	3	l				
5	How many sides has a hexagon?	6	5	3					

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

6	How many millimetres are there in fifteen centimetres?	150	6	4
7	What is the difference between five hundred and twenty-four and two	270	4	4
	hundred and fifty-four?			
8	Find three-quarters of forty.	30	4	5
9	How many minutes are there in three hours?	180	6	3
10	Multiply eighty-seven by two.	174	3	4
11	What is nine hundred and eighty centimetres to the nearest metre?	10 m	6	4
12	How many faces are there on a square-based pyramid?	5	5	4
13	If you can buy four biscuits for eighty pence, how many could you buy	40	1/4	5
	for eight pounds?			
14	A rectangle measures six centimetres by five centimetres. What is its	30 cm ²	6	5
	area?			
15	Look at your answer sheet. Circle the smallest number.	0.04	2	4

For this group of questions you will have 15 seconds to work out each answer and write it down.

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16	Look at your answer sheet. Write the next letter in the pattern.	F	1	3
17	Dani had four pounds. She bought seven ornaments and had fifty	50p	1/4	4
	pence left. How much did each ornament cost?			
18	What is three thousand divided by fifty?	60	3	5
19	What is the product of fifty-three and five?	265	4	4
20	A class has twice as many boys as girls. There are thirty children in a	20	1/2	5
	class. How many boys are there?			

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