

Mathematics

Mental Test

2004

1. *'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.'*

	The questions
1	How many hours are there in two days?
2	Subtract thirty-two from seventy.
3	What is thirty multiplied by seven?
4	Divide forty-eight by eight.
5	What is two-thirds of sixty-six?

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

6	Add together twenty-three, thirty-three and forty-three.
7	Look at the list on your answer sheet. It shows the times that buses leave the bus station. How many minutes are there between each bus?
8	Look at your answer sheet. Put a ring around the fraction which is equal to one-half.
9	A fruit pie costs fifty-five pence. What is the cost of three fruit pies?
10	Five times a number is two hundred. What is the number?
11	Look at your answer sheet. What fraction of the diagram is shaded?
12	How many metres are there in four and a half kilometres?
13	What temperature is twenty degrees lower than six degrees Celsius?
14	What is one point three multiplied by four?
15	What is seven point five divided by one hundred?

'For the next group of questions, you will have 15 seconds to work out each answer and write it down.'

16	What is one thousand minus one hundred and ten?
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17	What number is halfway between thirty and eighty?
18	Look at your answer sheet. Put a ring around the number which is a multiple of six.
19	A rectangle measures eleven centimetres by twenty centimetres. What is its area?
20	Look at your answer sheet. The diagram shows a rectangular hexagon. What is the size of angle x ?

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

2.

Key stage 2 mathematics 2004 mental mathematics test

First name Last name

School

Total Marks

Practice question

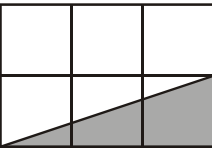
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Time: 5 seconds

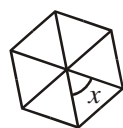
1		hours
2		70
3		30
4		
5		66

Time: 10 seconds

6	
7	<p style="text-align: center;">Bus times</p> <p style="text-align: center;">07:15 07:35 07:55 08:15</p> <hr style="width: 80%; margin: 0 auto;"/> <p style="text-align: right;">minutes</p>
8	$\frac{1}{20}$ $\frac{1}{100}$ $\frac{2}{3}$ $\frac{3}{4}$ $\frac{5}{10}$
9	55p
10	5

11		
12	m	
13	°C	6°C
14		1.3
15		7.5

Time: 15 seconds

16	
17	30 80
18	$100 \quad 140 \quad 260$ $300 \quad 340$
19	cm ²
20	 degrees