

Mental Maths Tests



**SCHOOLS
LINKS**

schoolslinks.co.uk

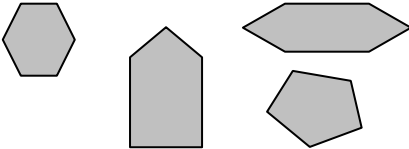

Year Five

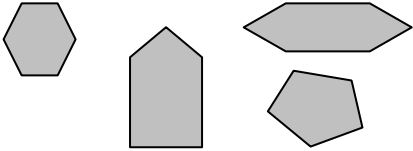

These tests contain questions ranging from Level 3 to Level 4. They get progressively more difficult. Children should have five seconds to answer questions 1 – 5 in each test and ten seconds to answer questions 6 – 10.

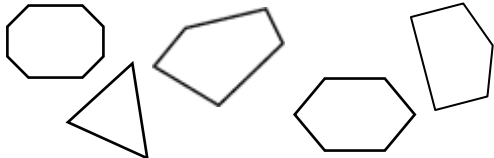
schoolslinks.co.uk

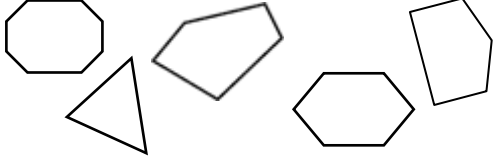

1	Find the difference between 84 and 78.	
2	Look at the numbers. Put a circle around all of the multiples of ten.	<p>640 404 500</p> <p>531 195</p>
3	A robot is facing north. It turns 180° clockwise. In what direction is the robot now facing?	
4	A TV programme starts at quarter to seven. It lasts twenty-five minutes. At what time does the programme finish?	<div style="border: 3px double black; width: 150px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> : </div>
5	What is the remainder when 27 is divided by 5?	
6	A bus ticket costs 25p. If I buy five tickets, how much change will I get from £2.00?	
7	Write two numbers that have a difference of 16.	<div style="display: flex; align-items: center; justify-content: center; gap: 20px;"> <div style="border: 1px solid black; width: 60px; height: 40px;"></div> and <div style="border: 1px solid black; width: 60px; height: 40px;"></div> </div>
8	I needs 38 buttons. The shop sells buttons in packs of 5. How many packs do I need to buy?	
9	What is 3.1 add 1.2?	
10	There are 14 buttons in a bag. The probability of taking a green button is 0.5. How many green buttons are there?	

1					
2		640 404 500 531 195			
3					
4		<table border="1" style="margin: auto;"><tr><td style="text-align: center;">:</td></tr></table>	:		
:					
5					
6					
7		<table style="margin: auto;"><tr><td style="border: 1px solid black; width: 40px; height: 30px; display: inline-block;"></td><td style="padding: 0 10px;">and</td><td style="border: 1px solid black; width: 40px; height: 30px; display: inline-block;"></td></tr></table>		and	
	and				
8					
9					
10					

1	Write the next odd number after 159.							
2	What must be added to seventy-three to make one hundred?							
3	What is double forty-five?							
4	How many minutes are there in an hour and a half?							
5	One of these numbers can <u>not</u> be divided exactly by 5. Put a ring around this number.	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>60</td> <td>110</td> <td>85</td> </tr> <tr> <td>120</td> <td>90</td> <td>101</td> </tr> </table>	60	110	85	120	90	101
60	110	85						
120	90	101						
6	Draw a tick on the hexagon <u>and</u> a cross on the shape which has two right-angled corners.							
7	What is 13.7 to the nearest whole number?							
8	Gary saves 50p coins. He has saved eleven of them. How much money has Gary saved?	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>£</td> <td>.</td> </tr> </table>	£	.				
£	.							
9	What is the next number in this sequence? 1, 3, 6, 10 ...							
10	Sam thinks of a number. He says: "If I subtract 14 from it, I get 29." What is Sam's number?							


1								
2								
3								
4								
5		<table><tr><td>60</td><td>110</td><td>85</td></tr><tr><td>120</td><td>90</td><td>101</td></tr></table>	60	110	85	120	90	101
60	110	85						
120	90	101						
6								
7								
8		<table border="1"><tr><td>£ .</td></tr></table>	£ .					
£ .								
9								
10								


1	What is 4 multiplied by 3?							
2	Look at the shapes. Put a cross on the octagon.							
3	A robot is facing west. It turns 180° clockwise. In what direction is the robot now facing?							
4	How many centimetres are there in one and a half metres?	centimetres						
5	Look at the numbers. Put a circle around an odd number which is also a multiple of five.	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>60</td> <td>110</td> <td>85</td> </tr> <tr> <td>120</td> <td>90</td> <td>101</td> </tr> </table>	60	110	85	120	90	101
60	110	85						
120	90	101						
6	What is three thousand subtract ten?							
7	A television programme starts at 7:45. It lasts for 35 minutes. At what time does the programme finish?	<div style="border: 3px double black; width: 150px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> : </div>						
8	A boy buys a magazine costing one pound sixty-five pence. How much change from two pounds should he get?	pence						
9	The temperature starts at four degrees and goes down by ten degrees. What is the temperature now?	degrees						
10	An apple costs 17 pence. How much will three cost?	pence						


1								
2								
3								
4		centimetres						
5		<table border="0"> <tr> <td>60</td> <td>110</td> <td>85</td> </tr> <tr> <td>120</td> <td>90</td> <td>101</td> </tr> </table>	60	110	85	120	90	101
60	110	85						
120	90	101						
6								
7								
8		pence						
9		degrees						
10		pence						


1	What is 253 to the nearest hundred?							
2	Look at the numbers. Put a ring around the largest number.	<table style="display: inline-table; vertical-align: middle;"> <tr> <td style="padding: 0 10px;">3001</td> <td style="padding: 0 10px;">1003</td> <td style="padding: 0 10px;">3010</td> </tr> <tr> <td style="padding: 0 10px;">1030</td> <td style="padding: 0 10px;">310</td> <td style="padding: 0 10px;">1300</td> </tr> </table>	3001	1003	3010	1030	310	1300
3001	1003	3010						
1030	310	1300						
3	What is four pounds add five pence add two pence?	<table border="1" style="margin: auto;"> <tr> <td style="padding: 5px;">£</td> <td style="padding: 5px;">.</td> </tr> </table>	£	.				
£	.							
4	How many twenty pences are there in two pounds?							
5	A number multiplied by itself gives the answer 64. Put a circle around the correct number.	<table style="display: inline-table; vertical-align: middle;"> <tr> <td style="padding: 0 10px;">6</td> <td style="padding: 0 10px;">7</td> </tr> <tr> <td style="padding: 0 10px;">8</td> <td style="padding: 0 10px;">9</td> </tr> </table>	6	7	8	9		
6	7							
8	9							
6	Jodie begins school at nine o'clock. She arrives at 8:45. How many minutes early is she?	minutes						
7	Subtract forty from one hundred and twenty.							
8	A square playground has a perimeter of 16 metres. How long is one of its sides?	metres						
9	Imagine a triangular prism. How many edges does it have?							
10	How would quarter past six in the evening be shown on a 24 hour digital clock?	<table border="1" style="margin: auto;"> <tr> <td style="padding: 10px;">:</td> </tr> </table>	:					
:								


1		
2		3001 1003 3010 1030 310 1300
3		£ .
4		
5		6 7 8 9
6		minutes
7		
8		metres
9		
10		:

1	Find the total of 99 and 101.	
2	What is 467 centimetres to the nearest metre?	metres
3	Write the number 'twelve thousand and sixty-nine' in figures.	
4	Put a ring around the approximate mass of an eating apple.	<p>10g 1g 1000g</p> <p>5g 150g</p>
5	Find the difference between 323 and 327.	
6	Put a ring around the coldest temperature.	<p>92°C 37°C -12°C</p> <p>12°C -2°C</p>
7	A television programme starts at five past six and lasts for 35 minutes. At what time does the programme finish?	<div style="border: 3px double black; width: 150px; height: 40px; display: flex; align-items: center; justify-content: center;"> : </div>
8	Cinema tickets cost £3.25 each. How much will it cost for two cinema tickets?	<div style="border: 3px double black; width: 100px; height: 30px; display: flex; align-items: center; justify-content: center;"> £ . </div>
9	How many minutes are there between 5:15pm and 6:15pm?	minutes
10	Sam is thinking of a number. Twenty-five percent of his number is eleven. What number is Sam thinking of?	


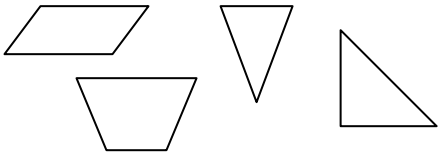
1			
2		metres	
3			
4		10g 1g 1000g 5g 150g	
5			
6		92°C 37°C -12°C 12°C -2°C	
7		<table border="1"><tr><td>:</td></tr></table>	:
:			
8		<table border="1"><tr><td>£ .</td></tr></table>	£ .
£ .			
9		minutes	
10			


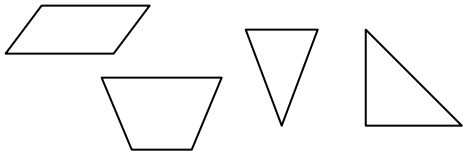
1	Find the sum of 13 and 8.	
2	What is one tenth of forty?	
3	Circle the number which is nearest in value to 750.	<p>570 699 810</p> <p>852 1052</p>
4	A square playground has a perimeter of 100 metres. How long is one of its sides?	metres
5	The year is 2005. What year will it be three hundred years from now?	
6	Jim buys a jar of jam for 92 pence. How much change should he get from a five pound note?	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>£ .</p> </div>
7	Circle <u>three</u> numbers which add to make 190.	<p>10 30 50</p> <p>70 90</p>
8	Postcards are sold in packs of five. Wasim bought some packs of postcards and has 30 postcards. How many packs did he buy?	
9	What is fifteen multiplied by eleven?	
10	Sam is thinking of a number. It is under twenty. It is a multiple of 3 <u>and</u> a multiple of 5. What number is Sam thinking of?	


1				
2				
3		570 699 810 852 1052		
4		metres		
5				
6		<table border="1" data-bbox="1129 1265 1329 1344"><tr><td>£</td><td>.</td></tr></table>	£	.
£	.			
7		10 30 50 70 90		
8				
9				
10				

1	What is 27 divided by 9?	
2	Subtract 20 pence from £1.19	pence
3	Jill picked 75 apples from her gran's tree. She have 25 apples to her gran and kept the rest. How many apples did Jill keep?	
4	Imagine a cube. How many vertices does it have?	
5	How would half past two in the afternoon be shown on a twenty-four hour digital clock?	
6	An pear costs 16 pence. How many pears can I buy with fifty pence?	
7	How many sevens are there in 210?	
8	Plants are sold in trays of twenty. Peter buys 6 trays of plants. How many plants is this?	
9	A swimming pool is open from 9:00 in the morning until 6:00 in the evening? How many hours is this?	hours
10	There are 1000 children in a school. 480 children are girls. How many are boys?	

1			
2		pence	
3			
4			
5		<table border="1"><tr><td>:</td></tr></table>	:
:			
6			
7			
8			
9		hours	
10			

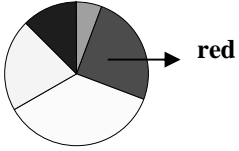
1	What is double 43?	
2	Jim has thirty pence, Les has one pound. How much more does Les have than Jim?	
3	What is 42 divided by 6?	
4	What time is one and a half hours later than 10:15?	
5	Put a cross on the shape which has two pairs of parallel sides.	
6	One third of a number is twelve. What is the number?	
7	A bag of four apples costs 36 pence. How much do twelve apples cost?	
8	Write the number which is exactly half-way between 11.6 and 11.7.	
9	Ring two numbers that are factors of 28.	<p>4 8 10</p> <p>14 39 56</p>
10	A box of chocolates costs one pound forty-nine pence. How many boxes could you buy with ten pounds?	

1		
2		
3		
4		
5		
6		
7		
8		
9		4 8 10 14 39 56
10		

1	Add thirty-six and seventy.	
2	What is the square root of forty-nine?	
3	What is the time twenty minutes after nine fifty-five?	
4	An equilateral triangle has a perimeter of 27cm. How long is one of its sides?	centimetres
5	Decrease two hundred by one hundred and five.	
6	What is the sum of 7.5 and 7.6?	
7	Look at the price list. What is the cost of two kilos of apples?	Pears 94p per kg Apples 86p per kg Oranges 78p per kg
8	What is one quarter of five hundred?	
9	What is three thousand divided by twenty?	
10	Put a ring around the fraction which is equal to nought point one.	$\frac{1}{2}$ $\frac{1}{10}$ $\frac{1}{100}$



1		
2		
3		
4		centimetres
5		
6		
7		Pears 94p per kg Apples 86p per kg Oranges 78p per kg
8		
9		
10		$\frac{1}{2}$ $\frac{1}{10}$ $\frac{1}{100}$

1	What is two hundred and seventy-six centimetres to the nearest metre?	metres	
2	What is double fifteen point five?		
3	Put a ring around the number which is the approximate weight of a thirty centimetre plastic ruler.	2g 20g 200g 2kg 200kg	
4	How many minutes are there between 5:30pm and 6:17pm?	minutes	
5	Circle the number which is nearest in value to 750.	570 699 810 852 1050	
6	Calculate the difference between 340 and 710.		
7	Jane buys a newspaper for 75 pence and pays with a five pound note. How much change does she get?	<table border="1" style="margin-left: auto; margin-right: auto;"><tr><td style="text-align: center;">£ .</td></tr></table>	£ .
£ .			
8	How many forties are there in eight hundred?		
9	In a sale there is fifty per-cent off all prices. A coat costs thirty-five pounds in the sale. How much was it before the sale?		
10	Look at the pie chart. It shows the favourite colours of 120 children. Use the chart to estimate the number of children who chose red.		

1		metres
2		
3		2g 20g 200g 2kg 200kg
4		minutes
5		570 699 810 852 1050
6		
7		£ .
8		
9		
10		