

# Mental Maths Tests



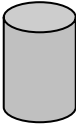
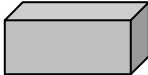



**SCHOOLS  
LINKS**

[schoolslinks.co.uk](http://schoolslinks.co.uk)

## Year Four

These tests contain questions ranging from Level 2 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](http://schoolslinks.co.uk)

1	How many 5p coins equal 50p?																									
2	Look at the number grid. Write the number 110 in the correct place on the grid.	<table border="1"> <tbody> <tr> <td>97</td> <td>98</td> <td>99</td> <td>100</td> <td>101</td> <td>102</td> </tr> <tr> <td>103</td> <td>104</td> <td>105</td> <td>106</td> <td>107</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	97	98	99	100	101	102	103	104	105	106	107													
97	98	99	100	101	102																					
103	104	105	106	107																						
3	Find the difference between 84 and 78.																									
4	What number must be added to 57 to make 100?																									
5	How many months are there in three years?	months																								
6	Look at the shapes. Tick each picture of a cylinder.	   																								
7	A bus ticket costs 25p. How much will five of these tickets cost?																									
8	What is 1 kilogram add $\frac{1}{2}$ a kilogram?																									
9	There were 50 sweets in a jar. Which of these estimates was closest?	<p>40      46</p> <p>58      100      164</p>																								
10	Sam is thinking of a number. It is half of 48. What number is Sam thinking of?																									

1

2

97	98	99	100	101	102
103	104	105	106	107	

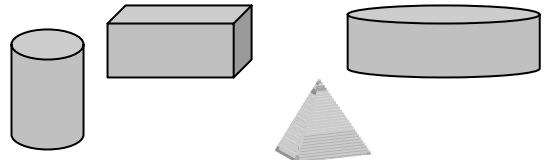
3

4

5

**months**

6



7

8

9

**40    46**  
**58    100    164**

10



1

Write the number which comes between 229 and 231.

2

Look at the grid.  
Put a ring around the number which is 11 less than 56.

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49

3

Three people share 30 pence equally. How much do they each get?

4

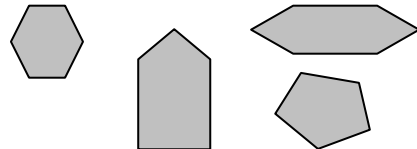
Write the number 'two thousand and nine' in figures.

5

Twenty children sit at tables in groups of 4. How many groups will there be?

6

Tick the pentagon that also has two right angles.



7

What is 56 multiplied by 10?

8

Rose had £3.00. She spent £2.25. How much money did she have left?

9

Look at the numbers. One of these numbers can not be divided exactly by 10. Put a ring around this number.

60    110    80  
120    90    101

10

Sam is thinking of a number. It is half-way between 26 and 48. What number is Sam thinking of?



1

2

3

4

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6

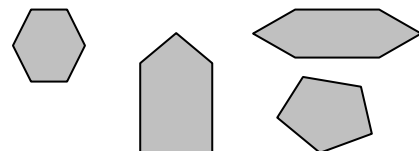
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8

9

10

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49



**60    110    80**  
**120    90    101**



1 What is 7 multiplied by 5?

2 Look at the grid. Put a ring around the number which must be added to 63 to make 100.

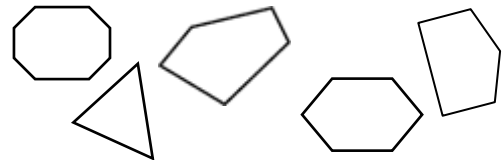
0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49

3 What is double 35?

4 Write down an even number which is more than 320 and less than 330.

5 Divide nine by three and then add seven.

6 Put a cross on both of the hexagons.



7 A cake started to cook at 10.25. It cooked for 50 minutes. At what time did it finish cooking?



8 How many grams are there in three kilograms?

**grams**

9 Find the difference between 802 and 701.

10 Sam is thinking of a number. If he doubles his number the answer is 16. What number is Sam thinking of?



1

2

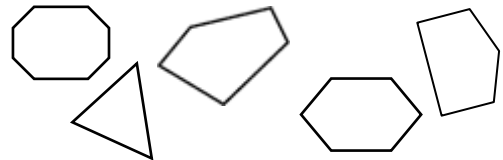
0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49

3

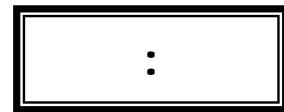
4

5

6



7




8

**grams**

9

10



1	What is double eight add three?																																																			
2	Look at grid b. Put a ring around the number which is 100 less than 125.	<table border="1" data-bbox="1007 483 1358 658"> <tbody> <tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td></tr> <tr><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr> <tr><td>30</td><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td><td>39</td></tr> <tr><td>40</td><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td></tr> </tbody> </table>	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
0	1	2	3	4	5	6	7	8	9																																											
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40	41	42	43	44	45	46	47	48	49																																											
3	Write the next number in this sequence: 7, 11, 15, ...																																																			
4	How many fifty pence pieces are there in three pounds?																																																			
5	How many degrees in a half- turn? Circle the correct answer.	<p style="text-align: center;">90°      180°</p> <p style="text-align: center;">270°      360°</p>																																																		
6	It started raining at 5.50 and rained for one hour. At what time did it stop raining?	<div style="border: 3px double black; width: 150px; height: 40px; margin: 0 auto; text-align: center; line-height: 40px;">:</div>																																																		
7	A bus ticket costs 25 pence. How many of these tickets can be bought with one pound?																																																			
8	How many triangular faces does a pyramid have?																																																			
9	8 metres of rope is cut into 4 equal pieces. How long will each piece be?																																																			
10	43 children are coming to John's party. Each child will get 1 ice cream. There are 5 ice creams in a box. How many boxes does John need to buy?																																																			



1

2

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49

3

4

5

**90°    180°**  
**270°    360°**

6





7


8

9

10



1	Write the number 'three thousand and twelve' in figures.							
2	Complete the grid by filling in the <u>two</u> missing numbers.							
3	Think of an odd number greater than 157 and less than 163.							
4	What is 21 less than 70?							
5	Look at the numbers. Put a ring around two numbers which can be divided equally by 5.	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 0 10px;">7</td> <td style="padding: 0 10px;">60</td> <td style="padding: 0 10px;">19</td> </tr> <tr> <td style="padding: 0 10px;">45</td> <td style="padding: 0 10px;">37</td> <td style="padding: 0 10px;">58</td> </tr> </table>	7	60	19	45	37	58
7	60	19						
45	37	58						
6	Put a cross on all of the shapes that have <u>more</u> than two right angles.							
7	A television programme starts at five past six and lasts for 25 minutes. At what time does the programme finish?							
8	There are 35 eggs. A box holds six eggs. How many boxes are needed to hold all the eggs?							
9	Anna has one pound. She buys two drinks costing 35p each. How much money does she have left?	<b>pence</b>						
10	Write the number that is seven fewer than five.							

1			
2			
3			
4			
5		<b>7    60    19</b> <b>45    37    58</b>	
6			
7		<table border="1"><tr><td>:</td></tr></table>	:
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8			
9		<b>pence</b>	
10			

1

Write down the largest number from the following list ... 456, 299, 472, 575.

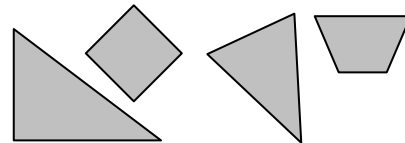
2

Put a circle around two numbers which have a difference of 7.

9		2
	6	
11		30
	18	

3

Look at the shape. Tick the shape that has the most number of right angles.



4

Write three hundred and twenty-six to the nearest ten.

5

Choose the correct word to complete this sentence. 'There were 2 ... of lemonade in the bottle.'

litres    kilograms  
millilitres    hours

6

Imagine a number line. What number is halfway between 111 and 119?

7

Peter and Susan each had 50p. Peter gave half of his money to Susan. How much money does Peter have now?

8

One bunch of daffodils costs 99p. John buys three bunches of daffodils. How much does he pay altogether?

9

Ann is thinking of a number. When she multiplies her number by 12, she gets an answer of 36. What number is Ann thinking of?

10

There are 6 children and 29 adults on each of two buses. How many people are there altogether?

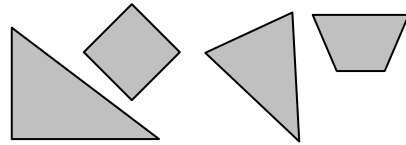


1

2

9		2
	6	
11		30
	18	

3



4

5

**litres   kilograms**  
**millilitres   hours**

6

7

8

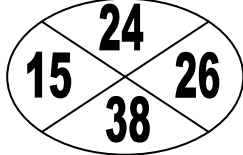

9

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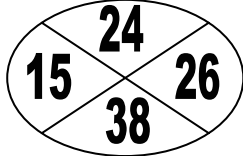




1	What is left if five is subtracted from twelve?							
2	Write an odd number between 48 and 59.							
3	In a class there are 31 children. If there are 22 girls, how many boys are there?							
4	A robot is facing east. It turns ninety degrees clockwise. In what direction is the robot now facing?							
5	What is ten fewer than 903.							
6	How many millimetres are there in 12 centimetres?	<b>millimetres</b>						
7	Look at the numbers. Two of these numbers divide by 5 with no remainder. Put a circle around these two numbers.	<table style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td style="padding: 0 10px;">67</td> <td style="padding: 0 10px;">25</td> <td style="padding: 0 10px;">33</td> </tr> <tr> <td style="padding: 0 10px;">13</td> <td></td> <td style="padding: 0 10px;">60</td> </tr> </tbody> </table>	67	25	33	13		60
67	25	33						
13		60						
8	What is four multiplied by twenty?							
9	Look at the fractions. Circle the fraction that is the same as nought point five (0.5)	<table style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td style="padding: 0 10px;"><math>\frac{1}{2}</math></td> <td style="padding: 0 10px;"><math>\frac{1}{3}</math></td> </tr> <tr> <td style="padding: 0 10px;"><math>\frac{2}{3}</math></td> <td style="padding: 0 10px;"><math>\frac{1}{4}</math></td> </tr> </tbody> </table>	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{4}$		
$\frac{1}{2}$	$\frac{1}{3}$							
$\frac{2}{3}$	$\frac{1}{4}$							
10	Richard can walk 102 metres in one minute. How far can he walk in five minutes?	<b>metres</b>						

1		
2		
3		
4		
5		
6		<b>millimetres</b>
7		$\begin{array}{r} 67 \quad 33 \\ 13 \quad 25 \quad 60 \end{array}$
8		
9		$\begin{array}{r} \frac{1}{2} \quad \frac{1}{3} \\ \frac{2}{3} \quad \frac{1}{4} \end{array}$
10		<b>metres</b>

1	How many ten pence stamps can be bought for sixty pence?	
2	What is 543 to the nearest hundred?	
3	Sue had 8 sweets. She ate one quarter of them. How many did she eat?	
4	How many minutes are there in two hours?	
5	What is 500 subtract 180?	
6	Look at the spinner. Tick (✓) the two numbers which total 62.	
7	Imagine a triangular prism. How many faces does it have?	
8	A magazine costs £1.35. What do two cost?	
9	A bus is due to arrive at eleven-fifty. It is 25 minutes late. At what time will it arrive?	
10	How many sevens are there in 210?	

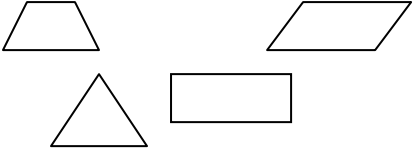


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9		
10		

1	What is 57 rounded to the nearest ten?					
2	There are 5 ice-creams in a box. Alex buys 7 boxes of ice-creams. How many does he buy altogether?					
3	Twenty-eight children go swimming in groups of four. How many groups will there be?					
4	Put a circle around the amount a packet of biscuits are most likely to weigh.	<table style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td>10kg</td> <td>250g</td> </tr> <tr> <td>5g</td> <td>250kg</td> </tr> </tbody> </table>	10kg	250g	5g	250kg
10kg	250g					
5g	250kg					
5	A shape has 4 right angles. It has 4 sides which are <u>not</u> all the same length. Write the name of this shape.					
6	Jodie began her walk at quarter past eight. It lasted for half an hour. At what time did her walk end?					
7	It costs £2.50 to hire a rowing boat for one hour. How much would it cost to hire a rowing boat for two hours?					
8	Find the difference between 45 and 110.					
9	Add together fourteen, twenty-three and forty-one.					
10	There are eleven pencils in a box. A school buys twenty boxes. How many pencils do they buy?					



1			
2			
3			
4		<b>10kg      250g</b> <b>5g        250kg</b>	
5			
6		<table border="1"><tr><td>:</td></tr></table>	:
:			
7			
8			
9			
10			

1	What is the next number in this sequence? 40, 37, 34, ...	
2	There are 45 people on a train. 18 people get off. How many people are left on the train?	
3	What is 37 multiplied by 10?	
4	Look at the shapes. One of these shapes has no reflective symmetry. Put a cross on it.	
5	Put a circle around the correct word to complete this sentence. 'You can measure how tall you are in...'	kilograms    centimetres litres        minutes
6	What number is one hundred more than two thousand?	
7	Neil has finished reading the seventh page of his book. There are 31 pages in his book. How many more pages has he left to read?	
8	Tony is thinking of a number. If he subtracts 12 from it he gets 30. What is Tony's number?	
9	What is fifty per cent of forty?	
10	How many millilitres are there in two and a half litres?	

1		
2		
3		
4		
5		<b>kilograms    centimetres</b> <b>litres        minutes</b>
6		
7		
8		
9		
10		<b>millilitres</b>