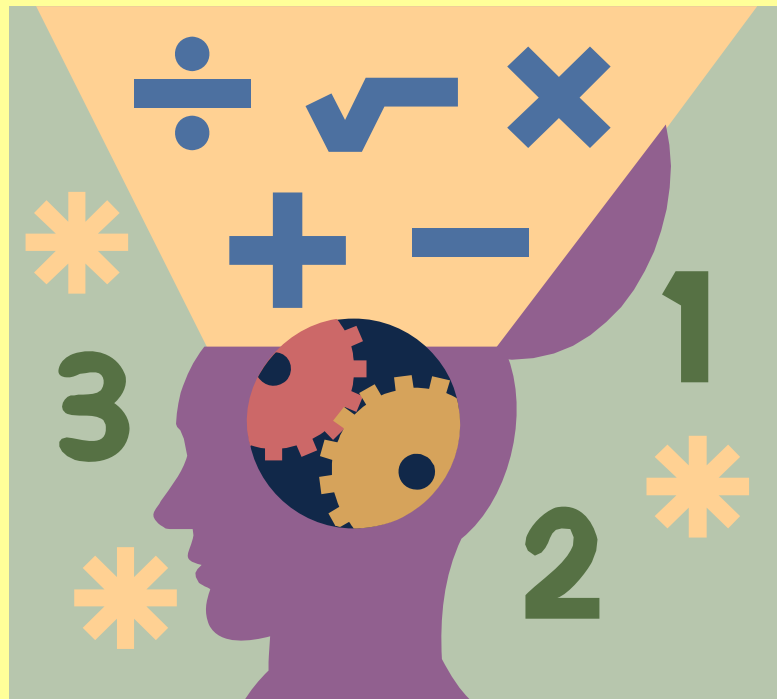# Mental Maths Tests

SCHOOLS LINKS

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Year Three

These tests contain questions ranging from Level 2 to Level 3. Children should have five seconds to answer questions 1 – 3 in each test, ten seconds to answer questions 4 – 8 and fifteen seconds to answer questions 9 - 10.

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1	What is three add six?	

| 2 | Look at the number grid. Put a ring around each of these numbers: twenty-seven; forty-two. | (number grid 0–49) |

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	Write the number thirty-two in figures.	

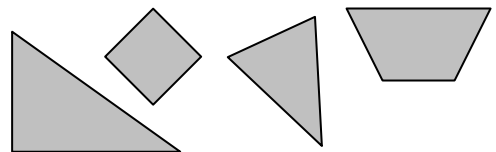| 4	How many sides does a pentagon have?	

5	Eve has a one pound coin. She spends ninety-five pence. How much has she left?	

6	Think of an odd number between twenty-six and thirty-six.	

7	One of these shapes has one right angle and three straight sides. Tick this shape.	(four shapes)

8	Write the number which is between 111 and 109.	

9	Imagine a number line. What number is halfway between 11 and 19?	

10	23 children are coming to Jack's party. Each child will get 1 ice cream. There are 10 ice creams in a box. How many boxes does Jack 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
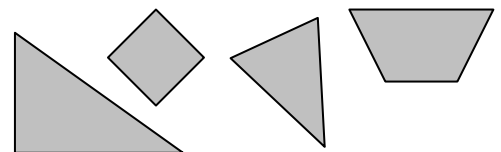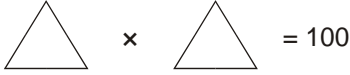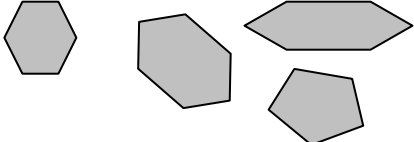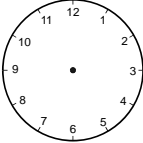
| 3 | | |

| 4 | | |

| 5 | | **pence** |

| 6 | | |

| 7 | | |

| 8 | | |

| 9 | | |

| 10 | | |

1	**Add these three numbers: five and five and five.**	
2	**What is the next number in this sequence?** **13, 23, 33, 43 …**	
3	**What is nine minus five?**	
4	**Write the same number in each triangle to make the multiplication correct.**	△ × △ = 100
5	**When I doubled a number, the answer was 16. Which number did I double?**	
6	**Put a cross on the shape which is <u>not</u> a hexagon. You should put a cross on only one shape.**	
7	**What even number comes between twenty-two and twenty-five?**	
8	**If I have three pots with four pencils in each pot, how many pencils do I have altogether?**	
9	**Jill chose a number. She doubled it. Her answer was one hundred and two. What number did she double?**	
10	**There are twenty-eight children in a classroom. Half of them are girls. How many are boys?**	

1		
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4		$\triangle \times \triangle = 100$
5		
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9		
10		

SCHOOLS LINKS

1	**Find the sum of fifteen and six.**	
2	**Put a ring around the names of the shapes which have four sides.**	**pentagon square triangle** **hexagon rectangle**
3	**How many months are there in one year?**	
4	**What is double nine?**	
5	**How many days are there in two weeks?**	
6	**Tick the word that completes this sentence –** **I could measure my height in….**	**litres** **kilograms centimetres**
7	**Ted bought one stamp for twenty pence. How much change should he get from one pound?**	
8	**Write the number which is eleven less than seventy.**	
9	**Kim multiplied two numbers together. Her answer was twenty-five. What two numbers could she have multiplied together?**	
10	**Write down the number one thousand and eight.**	

1		
2		pentagon square triangle hexagon rectangle
3		
4		
5		
6		litres kilograms centimetres
7		pence
8		
9		
10		

1	Write the number 32 in the correct place on the grid.	17	18	19	20	21	22
		23	24	25	26	27	

| 2 | Work out the sum of 13 and 7. | |

| 3 | Ben arrives at the park at ten o'clock. He leaves at eleven o'clock. How many minutes does he spend at the park? | |

| 4 | Think of an even number which is more than 10 and less than 25. | |

| 5 | How many sides does an octagon have? | |

| 6 | Kelly has one pound. She spends twenty-five pence. How much money does she have left? | |

| 7 | Sam's school starts at 9 o'clock. Sam went to the dentist and got to school half an hour late. Draw the time Sam got to school on the clock. | (clock face) |

| 8 | What is the difference between twelve and eighteen? | |

| 9 | Five is a quarter of a number. What is the number? | |

| 10 | There are fifty-four children on the bus. Nineteen get off. How many are left on the bus? | |

1

17	18	19	20	21	22
23	24	25	26	27	

2

3

4

5

6
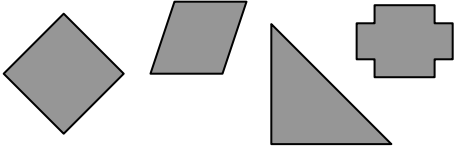
pence

7
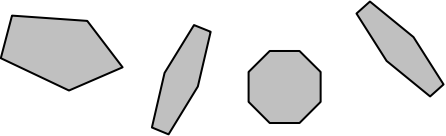
8

9

10

1	**Add these numbers: 5 and 6 and 2.**	
2	**Which number is nearest to 46?** **Put a ring around it.**	41 50 64
3	**At the shop, all packets of sweets cost the same. Heidi buys 2 packets.** **She pays 40 pence.** **How much does one packet cost?**	
4	**Ben arrives at the park at ten o'clock.** **He leaves at eleven o'clock.** **How many minutes does he spend at the park?**	
5	**What is the difference between ninety and one hundred?**	
6	**Find a shape that has only one right-angled corner. Put a tick on it.**	
7	**Put a ring around the word which completes this sentence –** **I will measure how much water my cup holds in….**	millimetres millilitres grams centimetres
8	**What number must I subtract from thirty-four to get an answer of twenty-five?**	
9	**Imagine a cube.** **Four faces are red, the rest are blue.** **How many faces are blue?**	
10	**How many grams equal two kilograms?**	
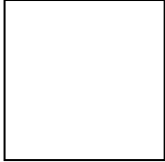
1		
2		
3		41 50 64
4		**pence**
5		
6		
7		**millimetres millilitres** **grams centimetres**
8		
9		
10		**grams**

Test Six

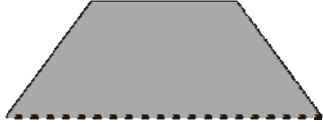schoolslinks.co.uk

1	Write `seven hundred and seven' as a number.	
2	Write the next number in this sequence: five, ten, fifteen, twenty …	
3	What is half of fourteen?	
4	Find a shape which is called a pentagon. Put a tick on it.	
5	Write the same number in each triangle to make the multiplication correct.	△ × △ = **25**
6	How many five pence pieces are there in thirty pence?	
7	What number is ten less than one hundred and one?	
8	What is one quarter of sixteen?	
9	One hundred and forty-five children need to travel by coach. Each coach holds fifty children. How many coaches are needed?	
10	Two classes at go on a visit. Each class has thirty children and six adults. How many go on the visit altogether?	

1		
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4		
5		$\triangle \times \triangle = 25$
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10		

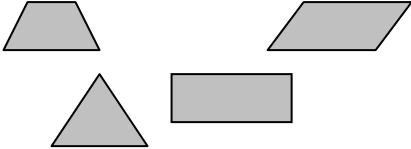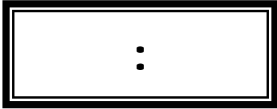| 1 | Add together three, seven and five. | |
2	Tim is thinking of a number. It is 10 more than 20. What number is Tim thinking of?	
3	Twenty-seven children are on the bus. Four children get off and four children get on. How many children are on the bus now?	
4	How many sides does a quadrilateral have?	
5	How many centimetres are there in half a metre?	
6	How many days are there in four weeks?	
7	What is thirty divided by three?	
8	What must I add to seventy-nine to make a total of one hundred?	
9	Miriam has thirty-two stickers. She gives half to her friend. How many does she have left?	
10	Joy is 22 years old today. Her mother is 23 years older. How old is Joy's mother?	

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10		

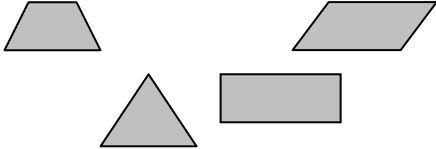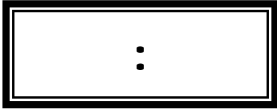| 1	What is eleven subtract six?	
2	Draw one straight line on the square so that you make two triangles. You may use a ruler.	
3	Joe is nine years old today. Susan is thirteen years old today. How many years older than Joe is Susan?	
4	What is six multiplied by four?	
5	How many minutes are there in a quarter of an hour?	
6	Pencils cost ten pence each. How many pencils can you buy with fifty-six pence?	
7	Liz has a two-pound coin and a two-pence coin. How much money does she have altogether?	£
8	Jane leaves home at twelve-fifteen. It takes her half an hour to get to the zoo. At what time does Jane get to the zoo?	:
9	The distance around the edge of a square is twenty centimetres. What is the length of one side of the square?	
10	What is one quarter of forty-eight?	

1		
2		
3		
4		
5		
6		
7		£
8		:
9		centimetres
10		

1	What is left if five is subtracted from twelve?	
2	The shape has been folded in half along the dotted line. Imagine opening it up. How many sides does the opened shape have?	
3	What is the next number in this sequence? 597, 598, 599, ...	
4	What is forty-five divided by nine?	
5	There are 20 eggs. A box holds 6 eggs. How many boxes are needed to hold all the eggs?	
6	What must be subtracted from eighty-four to leave seventy-eight?	
7	Rob collects two magazines each month for a whole year. How many magazines does he collect in a year?	
8	What is one fifth of twenty-five?	
9	The Christmas show started at half past seven and finished at a quarter past eight. How many minutes did it last?	
10	If you have two pounds and spend twelve pence on an apple, how much will you have left?	£

1		
2		**sides**
3		
4		
5		
6		
7		
8		
9		**minutes**
10		**£**

Test Ten

1	What is seventeen add fourteen?	
2	What is six multiplied by two?	
3	A robot is facing North. It turns ninety degrees clockwise. In what direction is it now facing?	
4	One of these shapes has no reflective symmetry. Put a cross on it.	
5	A television programme lasted thirty-five minutes. It started at ten past six. At what time did it finish?	:
6	What is the remainder when twenty-seven is divided by five?	
7	What is eight multiplied by seven?	
8	What is one thousand minus one hundred and ten?	
9	If sixty marbles are shared equally by four children, how many marbles will each child get?	
10	Add together twenty-three, thirty-three and forty-three.	

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