

2019 National Curriculum Tests Key Stage 1

Guidance for the use of this document

The following document has been designed to support Year Two teachers with teacher assessment at the end of KS1.

The test paper questions have been matched to the interim teacher assessment framework statements. If teachers feel that more evidence is required for a child for a specific statement, it may be possible to use the identified questions from the test papers towards this.

The columns in the document are as follows:

A	B	C	D	E
1	$9 - 3 = \square$	EX4	2C1/1C2a	<i>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 Add and subtract one-digit and two-digit numbers to 20, including zero</i>
2	$5 + 10 + 5 = \square$	N/A	1N1b	<i>Count in multiples of twos, fives and tens</i>

A: Question number

B: Question content

C: Statement from the teacher assessment framework (WT = working towards the expected standard; EX = working at the expected standard; GD = working at greater depth within the expected standard). The numbers refer to the bullet points reading down from the top. Where N/A is used, the content is not referenced within the interim teacher assessment framework statements.

D: Content domain - this is used by the test developers to ensure that appropriate content is being covered. In column D, the first number refers to the year group, e.g. 1 for Year 1 or 2 for Year 2. The letter refers to the strand: N is number and place value; C is calculation; F is fractions; M is measurement; G is geometry; P is position and direction; S is statistics. The last number refers to the sub strand / objective within each strand. So 2C1 refers to Year 2 content for calculations and is the first objective within this.

E: Content domain - the description of the coding used in column D.

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Paper 1: Arithmetic

1	$9 - 3 = \square$	EX4	2C1/1C2a	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 Add and subtract one-digit and two-digit numbers to 20, including zero
2	$5 + 10 + 5 = \square$	N/A	1N1b	Count in multiples of twos, fives and tens
3	$18 - 6 = \square$	EX4	1C2a/2C1	Add and subtract one-digit and two-digit numbers to 20, including zero Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
4	$10 \times 10 = \square$	EX5	2C6/1N1b	Recall and use multiplication facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Count in multiples of twos, fives and tens
5	$80 - 10 = \square$	WT3	2C1/2N1	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 Count in steps 2, 3, and 5 from 0, and in tens from any number, forward or backward
6	$5 + 32 = \square$	WT3	2C2b/1N1a	Add and subtract numbers using concrete objects and pictorial representations, including a two-digit number and ones Count to and across 100, forward and backwards, beginning with 0 or 1, or from any given number
7	$5 \times 6 = \square$	EX5	2C6/1N1b	Recall and use multiplication facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Count in multiples of twos, fives and tens
8	$98 + 4 = \square$	N/A	1N1a/2C2a	Count to and across 100, forward and backwards, beginning with 0 or 1, or from any given number Add and subtract numbers mentally, including a two-digit number and ones
9	$22 + 22 = \square$	EX3	2C2b/2C2a	Add and subtract numbers using concrete objects and pictorial representations, including two two-digit numbers Add and subtract numbers mentally, including two two-digit numbers
10	$\square + 8 = 12$	EX4	1C4/1C2a	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$ Add and subtract one-digit and two-digit numbers to 20, including zero
11	$68 + 20 = \square$	WT3	2N6/2C2b	Use place value and number facts to solve problems Add and subtract numbers using concrete objects and pictorial representations, including a two-digit number and tens
12	$7 + 84 = \square$	N/A	2C2b/1N1a	Add and subtract numbers using concrete objects and pictorial representations, including a two-digit number and ones Count to and across 100, forward and backwards, beginning with 0 or 1, or from any given number
13	$14 \div 2 = \square$	EX5	2C6/1N1b	Recall and use multiplication facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Count in multiples of twos, fives and tens
14	$64 - 11 = \square$	EX3	2C2b/2C2a	Add and subtract numbers using concrete objects and pictorial representations, including two two-digit numbers Add and subtract numbers mentally, including two two-digit numbers
15	$39 - 20 = \square$	WT3	2N6/2C2b	Use place value and number facts to solve problems Add and subtract numbers using concrete objects and pictorial representations, including a two-digit number and tens
16	$54 - 8 = \square$	N/A	2C2b/2C2a	Add and subtract numbers using concrete objects and pictorial representations, including a two-digit number and ones Add and subtract numbers mentally, including a two-digit number and ones
17	$40 \div 10 = \square$	EX5	2C6	Recall and use multiplication facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
18	$23 + 37 = \square$	EX3	2C2b	Add and subtract numbers using concrete objects and pictorial representations, including two two-digit numbers
19	$\square = 19 - 5$	WT3	2C1/1C2b	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs
20	$\frac{1}{4}$ of 8 = \square	EX6	2F1a/1F1b	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity

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21	$\frac{1}{2}$ of 90 = \square	EX6	2F1a	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity
22	$100 - \square = 52$	N/A	2C3	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems
23	$\frac{2}{4}$ of 36 = \square	EX6	2F1a	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity
24	$62 - 54 = \square$	EX3	2C2b	Add and subtract numbers using concrete objects and pictorial representations, including two two-digit numbers
25	$73 - 19 = \square$	EX3	2C2b	Add and subtract numbers using concrete objects and pictorial representations, including two two-digit numbers

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Paper 2: Reasoning

Oral questions	1	Find the day of the week before Thursday	N/A	1M4b/1M4c	Sequence events in chronological order using language Recognise and use language relating to dates, including days of the week, weeks, months and years
	2	Write an even number between 52 and 57	WT5/EX5	2C6/1N1a	Recall and use multiplication facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Count to and across 100, forward and backwards, beginning with 0 or 1, or from any given number
	3	Tick the shapes that have half shaded	EX6	2F1a/2F2	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$
	4	$12 = \square \times 6$	EX5	2C8/2C6	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts Recall and use multiplication facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
	5	What is 96 minus 10?	WT3	2N6/2C2a	Use place value and number facts to solve problems Add and subtract numbers mentally, including a two-digit number and tens
6	Match shape to description (sides/right angles/vertices)	EX9	2G2a	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	
7	Select from + or – to make calculations correct	N/A	1N2b/1C2b	Given a number, identify one more and one less Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	
8	Identify three dice to total a given number	N/A	1C1/2C2a	Represent and use number bonds and related subtraction facts within 20 Add and subtract numbers mentally, including adding three one-digit numbers	
9	Match array to multiplication calculation (<i>in context</i>)	EX5	2C8	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	
10	Identify missing numbers from a set (<i>counting in ones</i>)	N/A	1N2a/2N2b	Count, read and write numbers to 100 in numerals Compare and order numbers from 0 up to 100; use <, > and = signs	
11	Identify a number when given half	EX6	2F1b/1F1a	Write simple fractions [e.g. $\frac{1}{2}$ of 6 = 3] Recognise, find and name a half as one of two equal parts of an object, shape or quantity	
12	Complete counting sequence (<i>counting back in twos</i>)	WT5	2N1	Count in steps 2, 3, and 5 from 0, and in tens from any number, forward or backward	
13	Identify number to complete pairs to given total	N/A	2C1	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	
14	Identify number on partially marked number line (<i>fives</i>)	GD1	2N4	Identify, represent and estimate numbers using different representations, including the number line	
15	Identify coins to make given amount following subtraction	WT3/ WT6	2M9/1M3	Solve simple problems in a practical context involving addition and subtraction of money of the same unit including giving change Recognise and know the value of different denominations of coins and notes	
16	Identify which 2-D shapes are faces of given 3-D shape	EX9	2G3	Identify 2-D shapes on the surface of 3-D shapes	
17	Match clocks to given times	EX8/GD5	2M4a/1N1b	Tell and write the time to five minutes, including quarter past / to the hour and draw the hands on a clock face to show these times Count in multiples of twos, fives and tens	
18	Identify shapes with a line of symmetry	EX9	2G2a	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	

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Paper 2: Reasoning (*continued*)

19	Identify number patterns to complete calculation	GD3	2C4/2C2a	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods Add and subtract numbers mentally, including adding three one-digit numbers
20	Identify position after half a turn	N/A	1P2	Describe position, directions and movement, including half, quarter and three-quarter turns
21	Use given cards to complete missing number sentences	N/A	2N6/2C3	Use place value and number facts to solve problems Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems
22	Solve problem using information from pictogram	N/A	2S2b/1N2a	Ask and answer questions about totalling and comparing categorical data Count, read and write numbers to 100 in numerals
23	Solve multiplication problem (<i>in context</i>)	EX5	2C8	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts
24	Solve complex missing number problem by substituting symbols for given value	GD3	2C3/2N4	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems Identify, represent and estimate numbers using different representations, including the number line
25	Identify five coins to add to given total	EX7	2M3a/1M3	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value Recognise and know the value of different denominations of coins and notes
26	Solve division problem (<i>in context</i>)	EX5	2C7	Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs
27	Solve problem using information from pictogram	N/A	2S2a	Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity
28	Identify missing digits from calculation	GD3	2N6/2C3	Use place value and number facts to solve problems Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems
29	Solve multi-step problem (<i>in context</i>)	GD4	2C4	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods
30	Find fraction of an amount	EX6	2F1a/2C8	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts
31	Solve subtraction problem (<i>in context</i>)	EX3	2C4	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods
32	Solve multi-step problem (<i>in context</i>)	GD4	2C8/2M9	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts Solve simple problems in a practical context involving addition and subtraction of money of the same unit including giving change