

# Spring Test 2

## Teacher guidance



### Skills and knowledge needed for this test:

- Addition and subtraction of two three-digit numbers crossing column boundaries
- Addition of two numbers up to four digits
- Addition and subtraction of fractions with the same denominator, within 1
- Multiplication and division by 1, 2, 3, 4, 5, 8, 10 and 11 including deriving multiples of 10
- Multiplication by 0
- Multiplication of three numbers
- Missing number statements with all four operations
- Formal written method for short multiplication and short division
- Find a half, a third, a quarter, two quarters or three quarters of an amount

## New: The nine times table

### A teaching suggestion

**Step 1** Count in nines, forwards and backwards, using a number line and circling the numbers.

**Step 2** Discuss the pattern of the ones and the tens (the tens increase by 1 and the ones decrease by 1).

**Step 3** Ask the children to add the digits in each answer (they always add up to 9).

**Step 4** Sing or rap the nine times table.

**Step 5** Use call and response games for multiplication fact recall, for example:  
 '9 × 7 you know it well,  
 9 × 7 you've got to tell.'  
 (Children shout: 'It's 63!')

**Step 6** Use call and response games for division fact recall, for example:  
 '36 can be made with nines.  
 How many nines? You know it fine!'  
 (Children shout: 'It's 4!')

**Step 7** When the children are competent, mix up questions about different tables they know.

Question number	Question	Answer	Marks	Related test
1	$\square = 5 \times 11$	55	1	Y4 Autumn Test 5, Y2 Spring Test 5
2	$40 = 563 - \square$	523	1	Y3 Autumn Test 1, Y3 Spring Test 3
3	$1 \times 0 = \square$	0	1	Y4 Autumn Test 4
4	$\frac{1}{4}$ of 20 = $\square$	5	1	Y2 Summer Test 1
5	$23 \times 1 = \square$	23	1	Y4 Autumn Test 6
6	$\frac{7}{8} - \frac{2}{8} = \square$	$\frac{5}{8}$	1	Y3 Spring Test 6
7	$\square = 2 \times 9 \times 5$	90	1	Y3 Summer Test 5
8	$4 \times 9 = \square$	36	1	Y4 Spring Test 2, Y3 Spring Test 4
9	$23 + 38 = \square$	61	1	Y3 Autumn Test 2
10	$298 + 8 = \square$	306	1	Y3 Autumn Test 6
11	$19 \div 1 = \square$	19	1	Y4 Autumn Test 6
12	$80 - 33 = \square$	47	1	Y3 Autumn Test 3
13	$\square = 90 \times 2$	180	1	Y3 Spring Test 2, Y2 Spring Test 1
14	$63 \div 9 = \square$	7	1	Y4 Spring Test 2
15	$64 + 77 = \square$	141	1	Y3 Summer Test 2
16	$26 \times 4 = \square$	104	1	Y4 Autumn Test 1, Y3 Spring Test 4
17	$83 - \square = 55$	28	1	Y3 Autumn Test 1, Y3 Autumn Test 3
18	$46 \times 5 = \square$	230	1	Y4 Autumn Test 1, Y2 Spring Test 5
19	$84 \div 3 = \square$	28	1	Y4 Autumn Test 2, Y3 Spring Test 1
20	$\square \times 2 = 98$	49	1	Y4 Autumn Test 2, Y4 Autumn Test 3
21	$7438 + 1658 = \square$	9096	1	Y4 Spring Test 1
22	$95 \div \square = 5$	19	1	Y4 Autumn Test 2, Y4 Autumn Test 3
Total marks			22	