Summer Test 3

20 minutes

Teacher guidance

Skills and knowledge needed for this test:

- Addition of three single-digit numbers
- Addition and subtraction of multiples of 10
- Addition and subtraction of a two-digit or a three-digit number and a single-digit number with and without crossing a ten
- Addition and subtraction of a two-digit or a three-digit number and a multiple of 10 or 100
- Addition and subtraction of two two-digit numbers with and without crossing a ten

- Addition and subtraction of fractions with the same denominator, within 1
- Missing number statements with all four operations
- Multiplication and division by 10, 5, 2, 3 and 4, including derivatives
- Formal written method for short multiplication
- Finding a half, a third, a quarter, two quarters or three quarters of an amount

New: The eight times table

A teaching suggestion

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

Step 2 Compare the eight times, four times and two times tables, emphasising doubling and repeat doubling.

Step 3 Sing or rap the eight times table.

Step 4 Use call and response games for multiplication fact recall, for example:
'8 × 7 you know it well,
8 × 7 you've got to tell.'
(Children shout: 'It's 56!')

Step 5 Use call and response games for division fact recall, for example:
'32 can be made with eights.
How many eights? Don't make me wait!'
(Children shout: 'It's 4!')

Step 6 When the children are competent, mix up questions about different tables.

Question number	Question	Answer	Marks	Related test
1	$\square = 16 - 8$	8	1	Y1 Summer Test 3
2	$2 + 7 + 3 = \square$	12	1	Y2 Spring Test 6
3	$563 + \square = 569$	6	1	Y3 Autumn Test 1, Y3 Autumn Test 6
4	$15 = 5 \times \square$	3	1	Y3 Autumn Test 5, Y3 Spring Test 1, Y2 Spring Test 5
5	$\square - 7 = 11$	18	1	Y3 Autumn Test 1, Y1 Summer Test 4
6	$36 + 48 = \square$	84	1	Y3 Autumn Test 2
7	$421 + 70 = \square$	491	1	Y3 Autumn Test 6
8	$\square \times 8 = 32$	4	1	Y3 Autumn Test 5, Y3 Spring Test 4, Y3 Summer Test 3
9	$30 \times 2 = \square$	60	1	Y3 Spring Test 2, Y2 Spring Test 1
10	$\square = 582 - 300$	282	1	Y3 Summer Test 1
11	$28 \div 4 = \square$	7	1	Y3 Spring Test 4
12	$\frac{6}{9} - \frac{1}{9} = \square$	$\frac{5}{9}$	1	Y3 Spring Test 6
13	$270 \div \square = 3$	90	1	Y3 Autumn Test 5, Y3 Spring Test 1, Y3 Spring Test 2
14	$\frac{3}{4}$ of $48 = \square$	36	1	Y3 Autumn Test 4
15	$63 + 79 = \square$	142	1	Y3 Summer Test 2
16	$63 - 48 = \square$	15	1	Y3 Autumn Test 3
17	$\square = 6 \times 8$	48	1	Y3 Summer Test 3
18	$19 \times 3 = \square$	57	1	Y3 Spring Test 1, Y3 Spring Test 5
19	$357 + 566 = \square$	923	1	Y3 Summer Test 1
20	$75 - \square = 38$	37	1	Y3 Autumn Test 1, Y3 Autumn Test 3
Total marks		**20**		