Spring Test 3

Teacher guidance

18 minutes

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 number and a multiple of 10

- Addition and subtraction of two two-digit numbers with and without crossing a ten
- Missing number statements with all four operations
- Multiplication and division by 10, 5, 2 and 3
- Derivatives of multiplication and division by 10, 5, 2 and 3
- Finding a half, a third, a quarter, two quarters or three quarters of an amount

New: Addition and subtraction of a three-digit number and a multiple of 100

A teaching suggestion

Step 1 Ask the children lots of questions about the value of each digit in different three-digit numbers.

Step 2 Focus on the hundreds digit and ask what the numbers would be if you had one more or one less hundred. Discuss which digit in the number changes and why. Give the children lots of practice!

Step 3 Show the written calculations vertically, emphasising the importance of lining up the columns correctly, as shown below. More able children could try this independently.

$$419 + 300$$

Question number	Question	Answer	Marks	Related test
1	$\square + 7 = 17$	10	1	Y3 Autumn Test 1, Y1 Summer Test 3
2	$15 - 8 = \square$	7	1	Y1 Summer Test 1
3	$12 + \square = 28$	16	1	Y3 Autumn Test 1, Y3 Autumn Test 3
4	$\square \times 3 = 15$	5	1	Y3 Autumn Test 5, Y3 Spring Test 1
5	$215 - 4 = \square$	211	1	Y3 Autumn Test 6
6	$45 - 22 = \square$	23	1	Y3 Autumn Test 3
7	$9 \div 3 = \square$	3	1	Y3 Spring Test 1
8	$26 + \square = 66$	40	1	Y3 Autumn Test 1, Y3 Autumn Test 3
9	$\square + 80 = 100$	20	1	Y3 Autumn Test 1, Y3 Autumn Test 3
10	$\square = \frac{1}{2}$ of 14	7	1	Y2 Spring Test 2
11	$\square = 245 + 400$	645	1	Y3 Spring Test 3
12	$75 - \square = 43$	32	1	Y3 Autumn Test 1, Y3 Autumn Test 3
13	$\square = 180 \div 2$	90	1	Y3 Spring Test 2, Y2 Spring Test 1
14	$419 + 60 = \square$	479	1	Y3 Autumn Test 6
15	$47 + 18 = \square$	65	1	Y3 Autumn Test 2
16	$60 - 32 = \square$	28	1	Y3 Autumn Test 3
17	$\frac{3}{4}$ of $12 = \square$	9	1	Y3 Autumn Test 4
18	$50 \times \square = 350$	7	1	Y3 Autumn Test 5, Y3 Spring Test 2
	Total marks	**18**		