

Spring Test 6

Teacher guidance



Skills and knowledge needed for this test:

- Addition and subtraction of two four-digit numbers crossing column boundaries
- Addition and subtraction of fractions with the same denominator
- Missing number statements with all four operations
- Multiplication and division by 1, 2, 3, 4, 5, 6, 8, 9, 10 and 11 including deriving multiples of 10
- Multiplication by 0
- Multiplication of three numbers
- 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 seven times table

A teaching suggestion

- Step 1** Count in sevens, forwards and backwards, using a number line and circling the numbers.
- Step 2** Play the game 'Hack'. The children stand in a circle and take turns counting from 1, but every time they come to a multiple of 7 they say 'hack' instead of the number (e.g. 1, 2, 3, 4, 5, 6, hack, 8, 9 and so on, round the circle).
- Step 3** When the children are competent, this can be added to 'buzz' for the three times table and 'twang' for the four times table (e.g. 1, 2, buzz, twang, 5, buzz, hack, twang, buzz, 10, 11, buzz-twang, 13, hack and so on).
- Step 4** Sing or rap the seven 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:
'14 can be made with sevens.
How many sevens? Shout to the heavens.'
(Children shout: 'It's 2!')
- Step 7** When the children are competent, mix up questions about different tables they know.

Question number	Question	Answer	Marks	Related test
1	$623 - 400 = \square$	223	1	Y3 Spring Test 3
2	$4 \times 1 = \square$	4	1	Y4 Autumn Test 6
3	$85 - 27 = \square$	58	1	Y3 Autumn Test 3
4	$\square = 17 \times 0$	0	1	Y4 Autumn Test 4
5	$\frac{1}{3}$ of 30 = \square	10	1	Y2 Summer Test 5
6	$7 \times 8 = \square$	56	1	Y4 Spring Test 6, Y3 Summer Test 3
7	$65 = 65 \div \square$	1	1	Y4 Autumn Test 6
8	$\frac{6}{9} - \frac{1}{9} = \square$	$\frac{5}{9}$	1	Y3 Spring Test 6
9	$\square = 7 \times 8 \times 5$	280	1	Y3 Summer Test 5
10	$42 \div 7 = \square$	6	1	Y4 Spring Test 6
11	$\square = 270 \div 9$	30	1	Y4 Spring Test 2, Y3 Spring Test 2
12	$38 + 85 = \square$	123	1	Y3 Summer Test 2
13	$34 \times 6 = \square$	204	1	Y4 Autumn Test 1, Y4 Spring Test 4
14	$6342 + 2798 = \square$	9140	1	Y4 Spring Test 1
15	$\square \div 6 = 23$	138	1	Y4 Autumn Test 1, Y4 Autumn Test 3
16	$\frac{3}{7} + \frac{5}{7} = \square$	$\frac{8}{7}$ or $1\frac{1}{7}$	1	Y4 Spring Test 5
17	$8020 - 1435 = \square$	6585	1	Y4 Spring Test 3
18	$328 \div \square = 8$	41	1	Y4 Autumn Test 2, Y4 Autumn Test 3
19	$\square - 342 = 481$	823	1	Y3 Autumn Test 1, Y3 Summer Test 1
20	$\square \div 4 = 132$	528	1	Y4 Autumn Test 3, Y4 Autumn Test 1
21	$\frac{3}{4}$ of 52 = \square	39	1	Y3 Autumn Test 4
22	$700 - 214 = \square$	486	1	Y3 Summer Test 1
Total marks			22	