

Autumn Test 2

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 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 without crossing a ten
- Missing number statements with addition and subtraction
- Multiplication and division by 10, 5 and 2
- Finding a half, a third or a quarter of an amount

Review: Addition of two two-digit numbers with and without crossing a ten

A teaching suggestion

Step 1 Start by adding $36 + 57$ using the column method, adding the ones first. Discuss the problem of $6 + 7 = 13$.

Step 2 Agree that 13 is $10 + 3$ and ask the children to talk about how they can write that in their calculation.

Step 3

$$\begin{array}{r} 36 \\ + 57 \\ \hline 3 \\ 1 \end{array}$$

Show them that the 3 is written in the ones column and that the 10 is written

underneath the tens column as 1 (because it is 1 ten). Show how the written number still says 13 (not 31!) but with the 1 written in a different place.

Step 4 Discuss how many tens there are to add together (3, 5 and 1) and that makes 9 tens, which is 90. Write the answer, emphasising that the 0 from the 90 is hidden behind the 3, giving an answer of 93.

$$\begin{array}{r} 36 \\ + 57 \\ \hline 93 \\ 1 \end{array}$$

Step 5 Complete lots of examples together and in groups before trying independent work.

Question number	Question	Answer	Marks	Related test
1	$7 + 3 = \square$	10	1	Y1 Autumn Test 6
2	$11 - \square = 4$	7	1	Y3 Autumn Test 1, Y1 Spring Test 2
3	$\square = 60 \div 6$	10	1	Y2 Autumn Test 3
4	$\frac{1}{2}$ of 22 = $\square$	11	1	Y2 Spring Test 2
5	$9 + 8 = \square$	17	1	Y1 Summer Test 3
6	$\square - 30 = 30$	60	1	Y3 Autumn Test 1, Y3 Autumn Test 2
7	$53 + 30 = \square$	83	1	Y2 Spring Test 4
8	$\square = 7 + 5 + 8$	20	1	Y2 Spring Test 6
9	$47 - 22 = \square$	25	1	Y2 Spring Test 4
10	$14 - \square = 6$	8	1	Y3 Autumn Test 1, Y1 Summer Test 1
11	$7 \times 5 = \square$	35	1	Y2 Spring Test 5
12	$\square = \frac{1}{3}$ of 12	4	1	Y2 Summer Test 5
13	$29 + 42 = \square$	71	1	Y3 Autumn Test 2
14	$34 - \square = 21$	13	1	Y3 Autumn Test 1, Y2 Spring Test 4
15	$26 + 38 = \square$	64	1	Y3 Autumn Test 2
Total marks			15	