Autumn Test 1

Teacher guidance

Skills and knowledge needed for this test:

- Number bonds to 20
- +, – and = signs

Review: Missing number statements

Skills to cover before the test: Review all the skills needed from the end of the Year 1 book. Revise missing number statements. Ensure the children know they are just calculations where the numbers and signs may need switching around. Trial and error is not needed, and wastes valuable time!

A teaching suggestion

Step 1 Play games where you show children number statements with one number missing. Explain that, to find the missing number, the children need to use the two numbers given in the calculation. Show the children 18 − □ = 12. Ask what you need to use to find the missing number (i.e. 18 and 12). Repeat with other missing number statements. Always ask what the children will use to find the missing number, and ensure that they say the two numbers already in the number statement.

Step 2 Show the children 6 + □ = 13. Ask what you need to use to find the missing number (i.e. 6 and 13). Tell the children they need to subtract the smaller number from the larger number to find the missing number: 13 − 6 = 7, so the missing number is 7. Check it in the original number statement: 6 + 7 = 13.

Step 3 Show the children □ + 11 = 17. Ask what you need to use to find the missing number (i.e. 11 and 17). Tell the children they need to subtract the two numbers to find the missing number: 17 − 11 = 6, so the missing number is 6. Check it in the original number statement: 6 + 11 = 17.

Step 4 Show the children □ − 10 = 2. Ask what you need to use to find the missing number (i.e. 10 and 2). Tell the children they need to add the two numbers to find the missing number. Discuss why this is an addition instead of a subtraction (because in subtraction we need to start with a larger number, and subtraction is not commutative): 10 + 2 = 12, so the missing number is 12. Check it in the original number statement: 12 − 10 = 2.

Step 5 Repeat each step with lots of examples, gradually moving to independent work.

Question number	Question	Answer	Marks	Related test
1	2 + 7 = □	9	1	Y1 Autumn Test 5
2	□ = 8 − 3	5	1	Y1 Autumn Test 5
3	12 + 2 = □	14	1	Y1 Summer Test 1
4	11 = 3 + □	8	1	Y2 Autumn Test 1, Y1 Spring Test 2
5	16 − 8 = □	8	1	Y1 Summer Test 3
6	5 + 8 = □	13	1	Y1 Summer Test 1
7	17 − □ = 11	6	1	Y2 Autumn Test 1, Y1 Summer Test 3
8	□ = 18 − 18	0	1	Y1 Summer Test 4
9	20 − 9 = □	11	1	Y1 Summer Test 5
10	□ − 7 = 5	12	1	Y2 Autumn Test 1, Y1 Spring Test 3
	Total marks		**10**	