

Autumn Test 6

Teacher guidance

Skills and knowledge needed for this test:

- Number knowledge of 0 to 10
- +, − and = signs
- Addition and subtraction with number bonds to 9
- Addition and subtraction of 0



New: Number bonds for 10

A teaching suggestion

Step 1 Write out the number story of 10.

$$\begin{aligned}
 0 + 10 &= 10 \\
 1 + 9 &= 10 \\
 2 + 8 &= 10 \\
 3 + 7 &= 10 \\
 4 + 6 &= 10 \\
 5 + 5 &= 10 \\
 6 + 4 &= 10 \\
 7 + 3 &= 10 \\
 8 + 2 &= 10 \\
 9 + 1 &= 10 \\
 10 + 0 &= 10
 \end{aligned}$$

Step 2 Recite the number story, using rap style.

Step 3 Sing the number story (you can use the tune for 'The Grand Old Duke of York').

Step 4 Challenge the children to find how many number bonds there are in the number story of 10. (There are six different number bonds to learn.) Use this to work on the commutative law (e.g. $7 + 3 = 10$ and $3 + 7 = 10$).

Step 5 Play 'I am thinking of the number story of 10. One of the numbers I am thinking of is 1. What is the other?'. Repeat with other numbers.

Step 6 Play the 'Memory Cards Game' with number bonds. Place two or three sets of cards, with the digits 0 to 9 written on them, face down on the floor. The children take turns to turn over two cards and keep the cards if they find a number bond for 10.

Step 7 Play 'Number Bond Bingo'. Each child writes four numbers from the number story of 10 on a whiteboard. You call a number and, if they have the number bond, they cross it out (e.g. if you call 3, they can cross out 7). The first child to cross out all their numbers is the winner.

As this is the most important number story the children will learn, it is essential to spend sufficient time over several weeks to learn, consolidate and embed it firmly in their memory.

Question Number	Question	Answer	Marks	Related test
1	$5 - 1 = \square$	4	1	Y1 Autumn Test 1, Y1 Autumn Test 2
2	$5 - 5 = \square$	0	1	Y1 Autumn Test 1, Y1 Autumn Test 2
3	$\square = 3 + 5$	8	1	Y1 Autumn Test 5
4	$6 + 0 = \square$	6	1	Y1 Autumn Test 3
5	$9 - 4 = \square$	5	1	Y1 Autumn Test 5
6	$\square = 3 + 7$	10	1	Y1 Autumn Test 6
Total marks			6	