

Autumn Test 4

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 with and 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: Finding two quarters and three quarters of an amount

A teaching suggestion

- Step 1** Ask four children to split a collection of 12 books equally between them. Use the term 'quarter' (e.g. 'Can you share the books so that you each have one quarter of the books?').
- Step 2** Agree that each child has three books, so a quarter of 12 is 3. With each child in turn say: 'This quarter is worth 3.'
- Step 3** Put two of the children together and ask: 'What are two quarters of 12 worth?'. Agree that the answer is 6.
- Step 4** Put three of the children together and ask: 'What are three quarters of 12 worth?'. Agree that the answer is 9.
- Step 5** Repeat with other multiples of 4.
- Step 6** Use this activity to find two quarters and a half of the same amount and to establish that $\frac{2}{4}$ is the same as $\frac{1}{2}$.

Question number	Question	Answer	Marks	Related test
1	$\square = 7 - 4$	3	1	Y1 Autumn Test 4
2	$2 \times 5 = \square$	10	1	Y2 Spring Test 5
3	$11 + 3 = \square$	14	1	Y1 Summer Test 1
4	$50 - \square = 10$	40	1	Y3 Autumn Test 1, Y3 Autumn Test 3
5	$\square = 9 \times 10$	90	1	Y2 Autumn Test 2
6	$9 + 6 + 1 = \square$	16	1	Y2 Spring Test 6
7	$43 + \square = 51$	8	1	Y3 Autumn Test 1, Y3 Autumn Test 3
8	$\frac{1}{2}$ of 10 = $\square$	5	1	Y2 Spring Test 2
9	$73 - \square = 23$	50	1	Y3 Autumn Test 1, Y3 Autumn Test 3
10	$44 + 36 = \square$	80	1	Y3 Autumn Test 2
11	$\frac{1}{3}$ of 3 = $\square$	1	1	Y2 Summer Test 5
12	$16 \div 2 = \square$	8	1	Y2 Spring Test 1
13	$\frac{2}{4}$ of 8 = $\square$	4	1	Y3 Autumn Test 4
14	$74 - 29 = \square$	45	1	Y3 Autumn Test 3
15	$\square = \frac{3}{4}$ of 20	15	1	Y3 Autumn Test 4
Total marks			15	