YEAR 5 ARITHMETIC PRACTICE TESTS

Spring Test 5

Teacher guidance

Skills and knowledge needed for this test:

- Addition and subtraction of two numbers with different numbers of digits
- Addition and subtraction of fractions with the same denominator
- Multiplication and division to 12×12 including derivatives of multiples of 100
- Multiplication of three numbers

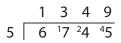
New: Division of a four-digit number by a single-digit number

A teaching suggestion

- The children are already familiar with TO ÷ O (see Y4 Autumn Test 2). Display 6745 ÷ 5 and then set out the sum for formal division.
 - 5 6745
 - First ask: 'How many 5 (thousands) in 6 (thousands)?' Agree that 6 (thousands) have one group of 5 (thousand) and 1 (thousand) left over. Write this in, demonstrating where to write the digit in the thousands column and the remainder in the hundreds column.



Now ask: 'How many 5 (hundreds) in 17 (hundreds)?' Agree that there are three groups of 5 (hundred) and 2 (hundred) left over. Continue until the sum is completed.





Complete lots of examples with the children, including some with remainders. Encourage them to work with a partner before trying the work independently.

- Multiplication by 0; multiplication and division by 1; square and cube numbers
- Short multiplication of up to four digits by a single-digit number
- Short division (to TO), including with remainders
- Multiplication and division of whole numbers or decimals by 10, 100 or 1000
- Missing number statements with all four operations

Question number	Question	Answer	Marks	Related test
1	12 × 0 =	0	1	Y4 Autumn Test 4
2	= 63 ÷ 9	7	1	Y4 Spring Test 2
3	3 ² =	9	1	Y5 Autumn Test 4
4	4000 ÷ 10 =	400	1	Y5 Autumn Test 5
5	621 - 350 =	271	1	Y4 Spring Test 3
6	= 15 ÷ 1	15	1	Y4 Autumn Test 6
7	56 = 🗌 × 7	8	1	Y4 Autumn Test 3, Y4 Spring Test 6
8	$\frac{15}{10} - \frac{1}{10} =$	$1\frac{4}{10}$ (or equiv)	1	Y5 Autumn Test 2
9	76.4 ÷ 100 =	0.764	1	Y5 Spring Test 2
10	4 ³ =	64	1	Y5 Spring Test 1
11	635 - 82 =	553	1	Y5 Spring Test 4
12	÷ 8 = 125	1000	1	Y4 Autumn Test 3, Y4 Summer Test 1
13	1453 × 4 =	5812	1	Y5 Spring Test 3
14	396 = 185	581	1	Y4 Spring Test 1, Y3 Autumn Test 1
15	64 ÷ 3 =	21 r1	1	Y5 Autumn Test 6
16	= 12 × 500	6000	1	Y4 Summer Test 2, Y4 Summer Test 5
17	7852 ÷ 2 =	3926	1	Y5 Spring Test 5
18	8 × 5 × 26 =	1040	1	Y4 Summer Test 3
19	7002 - 2304 =	4698	1	Y5 Autumn Test 3
20	90 ÷ 7 =	12 r6	1	Y5 Autumn Test 6
21	7328 - 79 =	7249	1	Y5 Spring Test 4
22	342 + = 911	569	1	Y4 Spring Test 3, Y3 Autumn Test 1
23	= 63.4 × 100	6340	1	Y5 Spring Test 2
24	8845 ÷ 5 =	1769	1	Y5 Spring Test 5
25	4348 × 9 =	39 132	1	Y5 Spring Test 3
26	² = 25	5	1	Y5 Autumn Test 4
27	63 + 2986 + 8 =	3057	1	Y5 Spring Test 4
28	4632 ÷ 6 =	772	1	Y5 Spring Test 5
	Total marks			

