

Summer Test 2

Teacher guidance



Skills and knowledge covered in this test:

- Count in multiples of 6, 7, 9, 25 and 1000 [4N1]
- Find 1000 more or less than a given number [4N2b]
- Add and subtract numbers with up to 4 digits [4C2]
- Estimate and use inverse operations to check answers to a calculation [4C3]
- Use multiplication and division facts up to 12×12 [4C6a]
- Use place value and known and derived facts to multiply and divide mentally [4C6b]
- Multiply by 0 and 1; divide by 1 [4C6b]
- Multiply together three numbers [4C6b]
- Multiply 2-digit and 3-digit numbers by single-digit numbers using written method [4C7]
- Count up and down in hundredths [4F1]
- Add and subtract fractions with same denominator [4F4]
- Compare numbers with the same number of decimal points [4F8]
- Divide a single- or 2-digit number by 10 or 100 [4F9]

Focus activity: Extending multiplication tables to multiples of 10 and 100

4C6a, 4C6b

You will need: place-value cards.

- Step 1** Ask children to record the multiplication table for 4.
- Step 2** The table shows 4 being multiplied by ones, 1, 2, 3, etc. Challenge children to write the table again alongside, multiplying by multiples of ten, 10, 20, 30 and so on.
- Step 3** Now challenge children to write the table again alongside the previous two versions, multiplying by multiples of 100, 200, 300 and so on.
- $4 \times 0 = 0$ $4 \times 0 = 0$ $4 \times 0 = 0$
- $4 \times 1 = 4$ $4 \times 10 = 40$ $4 \times 100 = 400$
- $4 \times 2 = 8$ $4 \times 20 = 80$ $4 \times 200 = 800$
- $4 \times 3 = 12$ $4 \times 30 = 120$ $4 \times 300 = 1200$ and so on.
- Step 4** Discuss what is the same and what has changed. Link to how children derived the new facts from the multiplication table for 4.
- Step 5** Ask children to choose any multiplication table to write in the same three ways. Some children may be able to use the patterns to multiply by thousands, 1000, 2000, 3000 and so on, though they may need support to read the products.

Qu. No.	Question	Answer	Mark	Domain ref.	Focus activity
1	$11 + 4 = \square$	15	1	1C2a	Year 1 Summer Test 2, Year 1 Summer Test 4
2	$70 + 10 + 10 = \square$	90	1	2N1	Year 2 Autumn Test 5
3	$8 + 5 + 7 = \square$	20	1	2C2a	Year 2 Autumn Test 4
4	$47 + 36 = \square$	83	1	2C2a	Year 2 Spring Test 1
5	$\square - 41 = 28$	69	1	2C3	Year 2 Summer Test 2, Year 2 Summer Test 5
6	$\square = 5 \times 7$	35	1	2C6	Year 2 Spring Test 1, Year 2 Spring Test 2
7	$394 + 100 = \square$	494	1	3N2b	Year 3 Autumn Test 3
8	$492 - \square = 7$	485	1	3C4	Year 3 Summer Test 1, Year 3 Summer Test 6
9	$343 + 508 = \square$	851	1	3C2	Year 3 Autumn Test 4
10	$\frac{3}{4}$ of 20 = \square	15	1	2F1a	Year 2 Summer Test 3
11	$3 \times 9 = \square$	27	1	3C6	Year 3 Spring Test 3, Year 3 Spring Test 4
12	$\frac{1}{11}$ of 22 = \square	2	1	3F1b	Year 3 Summer Test 3
13	$\square \times 6 = 0$	0	1	4C6b	Year 4 Autumn Test 2
14	$\frac{3}{10} + \frac{5}{10} = \square$	$\frac{8}{10}$ or $\frac{4}{5}$	1	3F4	Year 3 Autumn Test 5, Year 3 Spring Test 1, Year 3 Summer Test 2
15	$\square = 80 \times 2$	160	1	4C6b	Year 4 Summer Test 2
16	$\square = 20 \div 1$	20	1	4C6b	Year 4 Autumn Test 1
17	$7030 + 1000 = \square$	8030	1	4N2b	Year 4 Summer Test 3
18	$25 \times \square = 100$	4	1	4N1	Year 4 Summer Test 1
19	$12 \times 12 = \square$	144	1	4C6a	Year 4 Spring Test 6
20	$\square + 355 = 687$	332	1	3C4	Year 3 Autumn Test 4, Year 3 Summer Test 6
21	$\square = 56 \div 7$	8	1	4C6a	Year 4 Summer Test 1
22	$9 \times 2 \times 6 = \square$	108	1	4C6b	Year 4 Summer Test 4
23	$15 \times 5 \times 4 = \square$	300	1	4C6b	Year 4 Summer Test 4, Year 4 Summer Test 5
24	$\square = 745 \times 6$	4470	1	4C7	Year 4 Summer Test 6
25	$7 \times 800 = \square$	5600	1	4C6b	Year 4 Summer Test 2
26	$4321 - 1756 = \square$	2565	1	4C2	Year 4 Autumn Test 4, Year 4 Autumn Test 5, Year 4 Autumn Test 6
27	$\square = \frac{6}{10} + \frac{5}{10}$	$\frac{11}{10}$ or $1\frac{1}{10}$	1	4F4	Year 4 Spring Test 1
28	$2854 + \square = 7602$	4748	1	4C3	Year 4 Autumn Test 4, Year 4 Autumn Test 5, Year 4 Autumn Test 6
29	$9 \div 100 = \square$	0.09	1	4F9	Year 4 Spring Test 4, Year 4 Spring Test 5
30	$8.03 - 1.75 = \square$	6.28	1	4F8	Year 4 Spring Test 5