

# Summer Test 3

## 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  $12 \times 12$  [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: Find 1000 more or less than any number

#### 4N2b

**You will need:** place-value cards.

- Step 1** Make a 2-digit number with place-value cards.
- Step 2** Using the 1000 card, add 1000 to the number. Record the two numbers alongside each other. Confirm that the tens and ones digits remained the same.
- Step 3** Repeat with 3-digit numbers, confirming that hundreds, tens and ones digits remained the same.
- Step 4** Make a 4-digit number with place-value cards. Use the cards to talk about the value of each digit. Add 1000 to the number, confirming that only the thousands digit changes. Subtract 1000 from the number, again confirming that only the thousands digit changes.
- Step 5** Revise which digits change when adding or subtracting 10 or 100. Look carefully at what happens to the number when there are 9 or 0 tens when adding or subtracting 10, and when there are 9 or 0 hundreds when adding or subtracting 100.

Qu. No.	Question	Answer	Mark	Domain ref.	Focus activity
1	$18 + 0 = \square$	18	1	1C2a	Year 1 Summer Test 2, Year 1 Summer Test 4
2	$60 - 10 - 10 = \square$	40	1	2N1	Year 2 Autumn Test 5
3	$10 \times 4 = \square$	40	1	2C6	Year 2 Spring Test 1, Year 2 Spring Test 2
4	$529 - 10 = \square$	519	1	3N2b	Year 3 Autumn Test 3
5	$\square = 7 + 6 + 4$	17	1	2C2a	Year 2 Autumn Test 4
6	$62 - 40 = \square$	22	1	2C2a	Year 2 Autumn Test 5
7	$\square + 39 = 55$	16	1	2C3	Year 2 Spring Test 1, Year 2 Summer Test 5
8	$\frac{1}{2}$ of 40 = $\square$	20	1	2F1a	Year 2 Summer Test 3
9	$285 + 400 = \square$	685	1	3C2	Year 3 Autumn Test 3
10	$\square = 9 \times 0$	0	1	4C6b	Year 4 Autumn Test 2
11	$\square = 703 - 535$	168	1	3C2	Year 3 Summer Test 1
12	$7 \times 12 = \square$	84	1	4C6a	Year 4 Spring Test 6, Year 4 Summer Test 1
13	$\square - 465 = 850$	1315	1	3C4	Year 3 Summer Test 1, Year 3 Summer Test 6
14	$32 \div \square = 4$	8	1	3C6	Year 3 Spring Test 5
15	$\frac{3}{8}$ of 16 = $\square$	6	1	3F1b	Year 3 Autumn Test 6, Year 3 Summer Test 3
16	$54 \times 3 = \square$	162	1	3C7	Year 3 Spring Test 6, Year 3 Summer Test 5
17	$0.04 + 0.01 + 0.01 = \square$	0.06	1	4F1	Year 4 Spring Test 5
18	$400 \times 6 = \square$	2400	1	4C6b	Year 4 Summer Test 2
19	$5432 - 1000 = \square$	4432	1	4N2b	Year 4 Summer Test 3
20	$\square = 12 \times 25$	300	1	4N1	Year 4 Summer Test 1
21	$6 \times \square = 66$	11	1	4C6a	Year 4 Summer Test 1
22	$8 \times 7 \times 5 = \square$	280	1	4C6b	Year 4 Summer Test 4
23	$\square = 6592 + 2688$	9280	1	4C2	Year 4 Autumn Test 3
24	$6 \times 32 \times 5 = \square$	960	1	4C6b	Year 4 Summer Test 4, Year 4 Summer Test 5
25	$256 \times 9 = \square$	2304	1	4C7	Year 4 Summer Test 5, Year 4 Summer Test 6
26	$1000 + \square = 3531$	2531	1	4N2b	Year 4 Summer Test 3
27	$\frac{1}{100} + \frac{1}{100} + \frac{1}{100} = \square$	$\frac{3}{100}$	1	4F1	Year 4 Spring Test 5
28	$\square = \frac{8}{12} + \frac{9}{12}$	$\frac{17}{12}$ or $1\frac{5}{12}$	1	4F4	Year 4 Spring Test 1
29	$8.7 - 4.8 = \square$	3.9	1	4F8	Year 4 Spring Test 5
30	$9 \div \square = 0.9$	10	1	4F9	Year 4 Spring Test 4, Year 4 Spring Test 5