

National Curriculum Objectives:

Mathematics Year 2: [Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100](#)

Mathematics Year 3: [Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number](#)

Mathematics Year 3: [Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction](#)

Mathematics Year 3: [Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables](#)

Mathematics Year 4: [Find 1000 more or less than a given number](#)

Mathematics Year 4: [Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate](#)

Mathematics Year 4: [Recall multiplication and division facts for multiplication tables up to \$12 \times 12\$](#)

Differentiation:

Beginner Finding 100 more than a given three-digit and four-digit number. Multiplying by 6 and 11 using 2, 5 and 10. Adding two-digit numbers and two-digit numbers (no carrying). 12 questions. Aimed at Year 4 Secure (week 1).

Easy Finding 100 more and 100 less than a given two-digit, three-digit and four-digit number. Multiplying by 6 and 11 using 3 and 4. Adding two-digit numbers and two-digit numbers (carrying). 12 questions. Aimed at Year 4 Secure (week 2).

Tricky Finding 1000 more than a given four-digit number. Multiplying by 6 and 11 using 6 and 8. Adding two-digit and three-digit numbers (carrying). Subtracting two-digit numbers and two-digit numbers (no borrowing). 15 questions. Aimed at Year 4 Secure (week 3).

Expert Finding 1000 more and 1000 less than a given four-digit number. Multiplying by 6 and 11 up to 12. Subtracting two-digit numbers and two-digit numbers (borrowing). 15 questions. Aimed at Year 4 Secure (week 4).

Brainbox Finding 1000 more than a given number. Multiplying by 6 and 11 up to 15. Subtracting two-digit and three-digit numbers (no borrowing). 15 questions. Aimed at Year 4 Secure (week 5).

Genius Finding 1000 more and 1000 less than a given number. Multiplying by 6 and 11 up to 20. Subtracting two-digit and three-digit numbers (borrowing). 15 questions. Aimed at Year 4 Secure (week 6).

More [Arithmetic](#) Resources.

Did you like this resource? Don't forget to review it [here](#).

1

$$821 + 100 =$$



1 mark

2

$$21 + 44 =$$



1 mark

3

$$6 \times 10 =$$



1 mark

4

$$14 + 6 =$$



1 mark

5

$$63 + 34 =$$



1 mark

6

$$87 + 11 =$$



1 mark

7

$$100 + 1495 =$$



1 mark

8

$$36 + 23 =$$



1 mark

9

$$2 \times 11 =$$



1 mark

10

$5 \times 6 =$



1 mark

11

$24 + 24 =$



1 mark

12

$3 \times 4 =$



1 mark

Arithmetic – Set 1 – Test 1

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	3N2b	7	3N2b
2	4C2/3C2	8	4C2/3C2
3	4C6a	9	4C6a
4	2C1	10	4C6a
5	4C2/3C2	11	4C2/3C2
6	4C2/3C2	12	3C6

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	921	1m	
2	65	1m	
3	60	1m	
4	20	1m	
5	97	1m	
6	98	1m	
7	1595	1m	
8	59	1m	
9	22	1m	
10	30	1m	
11	48	1m	
12	12	1m	

1

$$48 + 11 =$$



1 mark

2

$$27 + 34 =$$



1 mark

3

$$72 + 19 =$$



1 mark

4

$$6 \times 4 =$$



1 mark

5

$$37 + 18 =$$



1 mark

6

$$11 + 100 =$$



1 mark

7

$$4 \times 11 =$$



1 mark

8

$$25 + 25 =$$



1 mark

9

$$1928 + 100 =$$



1 mark

10

$$65 + 40 =$$



1 mark

11

$$3 \times 6 =$$



1 mark

12

$$364 - 100 =$$



1 mark

Arithmetic – Set 1 – Test 2

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1		7	
2		8	
3		9	
4		10	
5		11	
6		12	

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	59	1m	
2	61	1m	
3	91	1m	
4	24	1m	
5	55	1m	
6	111	1m	
7	44	1m	
8	50	1m	
9	2028	1m	
10	105	1m	
11	18	1m	
12	264	1m	

1

$$11 \times 6 =$$



1 mark

2

$$84 - 44 =$$



1 mark

3

$$4681 + 1000 =$$



1 mark

4

$$326 + 13 =$$



1 mark

5

$$92 + 101 =$$



1 mark

6

$$8 \times 11 =$$



1 mark

7

$$196 + 142 =$$



1 mark

8

$$95 - 13 =$$



1 mark

9

$$444 + 444 =$$



1 mark

10

$$8199 + 1000 =$$



1 mark

11

$$48 - 36 =$$



1 mark

12

$$52 + 152 =$$



1 mark

13

$$8 \times 6 =$$



1 mark

14

$$1000 + 1786 =$$



1 mark

15

$$434 + 327 =$$



1 mark

Arithmetic – Set 1 – Test 3

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	4C6a	9	4C2/3C2
2	4C2/3C2	10	4N2b
3	4N2b	11	4C2/3C2
4	4C2/3C2	12	4C2/3C2
5	4C2/3C2	13	4C6a
6	4C6a	14	4N2b
7	4C2/3C2	15	4C2/3C2
8	4C2/3C2		

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	66	1m	
2	40	1m	
3	5681	1m	
4	339	1m	
5	193	1m	
6	88	1m	
7	338	1m	
8	82	1m	
9	888	1m	
10	9199	1m	
11	12	1m	
12	204	1m	
13	48	1m	
14	2786	1m	
15	761	1m	

1

$$136 + 74 =$$



1 mark

2

$$6 \times 7 =$$



1 mark

3

$$36 - 8 =$$



1 mark

4

$$2168 - 1000 =$$



1 mark

5

$$42 - 19 =$$



1 mark

6

$$661 + 72 =$$



1 mark

7

$$78 - 29 =$$



1 mark

8

$$55 - 37 =$$



1 mark

9

$$9 \times 6 =$$



1 mark

10

$$9999 - 1000 =$$



1 mark

11

$$437 + 585 =$$



1 mark

12

$$43 - 35 =$$



1 mark

13

$$1000 + 3271 =$$



1 mark

14

$$11 \times 12 =$$



1 mark

15

$$134 + 381 =$$



1 mark

Arithmetic – Set 1 – Test 4

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	4C2/3C2	9	4C6a
2	4C6a	10	4N2b
3	3C2	11	4C2/3C2
4	4N2b	12	4C2/3C2
5	4C2/3C2	13	4N2b
6	4C2/3C2	14	4C6a
7	4C2/3C2	15	4C2/3C2
8	4C2/3C2		

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	110	1m	
2	42	1m	
3	28	1m	
4	1168	1m	
5	23	1m	
6	733	1m	
7	49	1m	
8	18	1m	
9	54	1m	
10	8999	1m	
11	1022	1m	
12	8	1m	
13	4271	1m	
14	132	1m	
15	515	1m	

1

$$298 + 12 =$$



1 mark

2

$$391 + 1000 =$$



1 mark

3

$$364 - 152 =$$



1 mark

4

$$6 \times 15 =$$



1 mark

5

$$24 - 15 =$$



1 mark

6

$$95 + 95 =$$



1 mark

7

$$8000 + 1000 =$$



1 mark

8

$$688 - 344 =$$



1 mark

9

$$852 - 52 =$$



1 mark

10

$$11 \times 13 =$$



1 mark

11

$$77 - 9 =$$



1 mark

12

$$28 + 44 =$$



1 mark

13

$$297 - 72 =$$



1 mark

14

$$14 \times 6 =$$



1 mark

15

$$1000 + 327 =$$



1 mark

Arithmetic – Set 1 – Test 5

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	4C2/3C2	9	4C2/3C2
2	4N2b	10	4C6a
3	4C2/3C2	11	3C2
4	4C6a	12	4C2/3C2
5	4C2/3C2	13	4C2/3C2
6	4C2/3C2	14	4C6a
7	4N2b	15	4N2b
8	4C2/3C2		

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	310	1m	
2	1391	1m	
3	212	1m	
4	90	1m	
5	9	1m	
6	190	1m	
7	9000	1m	
8	344	1m	
9	800	1m	
10	143	1m	
11	68	1m	
12	72	1m	
13	225	1m	
14	84	1m	
15	1327	1m	

1

$$28 + 1000 =$$



1 mark

2

$$26 + 776 =$$



1 mark

3

$$413 - 241 =$$



1 mark

4

$$1000 - 1000 =$$



1 mark

5

$$315 - 43 =$$



1 mark

6

$$16 + 96 =$$



1 mark

7

$$486 - 486 =$$



1 mark

8

$$11 \times 20 =$$



1 mark

9

$$964 + 52 =$$



1 mark

10

$$6 \times 18 =$$



1 mark

11

$$196 - 98 =$$



1 mark

12

$$999 - 888 =$$



1 mark

13

$$19 \times 11 =$$



1 mark

14

$$450 - 75 =$$



1 mark

15

$$9000 + 1000 =$$



1 mark

Arithmetic – Set 1 – Test 6

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	4N2b	9	4C2/3C2
2	4C2/3C2	10	4C6a
3	4C2/3C2	11	4C2/3C2
4	4N2b	12	4C2/3C2
5	4C2/3C2	13	4C6a
6	4C2/3C2	14	4C2/3C2
7	4C2/3C2	15	4N2b
8	4C6a		

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	1028	1m	
2	802	1m	
3	172	1m	
4	0	1m	
5	272	1m	
6	112	1m	
7	0	1m	
8	220	1m	
9	1016	1m	
10	108	1m	
11	98	1m	
12	111	1m	
13	209	1m	
14	375	1m	
15	10,000	1m	