Arithmetic – Year 4 – Set 2

National Curriculum Objectives:

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 mentally, including a three-digit number and ones
Mathematics Year 3: Add and subtract numbers mentally, including a three-digit number and tens
Mathematics Year 3: Add and subtract numbers mentally, including a three-digit number and hundreds
Mathematics Year 3: Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
Mathematics Year 3: Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
Mathematics Year 3: Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
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 × 12
Mathematics Year 4: Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers

Differentiation:

Beginner Finding 10 and 100 more than a given four-digit number. Adding three-digit numbers and three-digit numbers (carrying in one column). Finding 1/2 of an amount. 18 questions. Aimed at Year 4 Secure (week 7).
Easy Finding 10 and 100 less than a given four-digit number. Subtracting three-digit numbers and three-digit numbers (exchanging in one column). Finding 1/4 of an amount. Using known facts to divide by 6. 18 questions. Aimed at Year 4 Secure (week 8).
Tricky Finding 1,000 more than a given four-digit number. Finding 1/3 of an amount. 18 questions. Aimed at Year 4 Secure (week 9).
Expert Finding 1,000 less than a given four-digit number. Adding three-digit numbers and three-digit numbers (carrying in two columns). Finding 3/4 of an amount. Using known facts to divide by 11. 21 questions. Aimed at Year 4 Secure (week 10).
Brainbox Finding multiples of 1,000 more than a given four-digit number. Subtracting three-digit numbers and three-digit numbers (exchanging in two columns). Finding 2/3 of an amount. 21 questions. Aimed at Year 4 Secure (week 11).
Genius Finding multiples of 1,000 less than a given four-digit number. Finding 1/5 of an amount. Multiplying by 9. 21 questions. Aimed at Year 4 Secure (week 12).

More Arithmetic Resources.

Did you like this resource? Don't forget to review it on our website.

Arithmetic – Set 2 – Test 1

1 $273 + 5 =$

1 mark

2 $345 + 100 =$

1 mark

3 $3 \times 3 =$

1 mark

4 484 – 40 =

1 mark

5 418 + 248 =

1 mark

6 7,221 + 100 =

1 mark

7 549 – 2 =

1 mark

8 134 + 581 =

1 mark

9 21 + ☐ = 42

1 mark

10 $4 \times 7 =$

1 mark

11 $872 - 100 =$

1 mark

12 $223 + 394 =$

1 mark

13 $328 + 200 =$

1 mark

14 $\frac{1}{2}$ of 30 =

1 mark

15 $5768 + 10 =$

1 mark

16 $6 \times 7 =$

1 mark

17 $456 - 132 =$

1 mark

18 $528 + 20 =$

1 mark

Arithmetic – Set 2 – Test 1

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	3C1	10	3C6
2	3N2b	11	3C1
3	3C6	12	3C2
4	3C1	13	3C1
5	3C2	14	3F1b
6	3N2b	15	3N2b
7	3C1	16	4C6a
8	3C2	17	3C2
9	3C4	18	3C1

Arithmetic – Set 2 – Test 1

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	278	1m	
2	445	1m	
3	9	1m	
4	444	1m	
5	666	1m	
6	7,321	1m	
7	547	1m	
8	715	1m	
9	21	1m	
10	28	1m	
11	772	1m	
12	617	1m	
13	528	1m	
14	15	1m	
15	5,778	1m	
16	42	1m	
17	324	1m	
18	548	1m	

Arithmetic – Set 2 – Test 2

1

54 + 10 =

1 mark

2

136 + 218 =

1 mark

3

394 – 3 =

1 mark

4 665 + 50 =

1 mark

5 8 x 3 =

1 mark

6 419 + 300 =

1 mark

7 841 + 9 =

1 mark

8 300 – 10 =

1 mark

9 342 – 300 =

1 mark

10 $372 - 114 =$

1 mark

11 $6 \times 11 =$

1 mark

12 $\frac{1}{4}$ of $24 =$

1 mark

13 1,772 – 10 =

1 mark

14 ☐ + 36 = 78

1 mark

15 538 – 272 =

1 mark

16 $\frac{1}{2}$ of 54 =

1 mark

17 30 ÷ 6 =

1 mark

18 4,672 – 100 =

1 mark

Arithmetic – Set 2 – Test 2

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	3N2b	10	3C2
2	3C2	11	4C6a
3	3C1	12	3F1b
4	3C1	13	3N2b
5	3C6	14	3C4
6	3C1	15	3C2
7	3C1	16	3F1b
8	3N2b	17	4C6a
9	3C1	18	3N2b

Arithmetic – Set 2 – Test 2

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	64	1m	
2	354	1m	
3	391	1m	
4	715	1m	
5	24	1m	
6	719	1m	
7	850	1m	
8	290	1m	
9	42	1m	
10	258	1m	
11	66	1m	
12	6	1m	
13	1,762	1m	
14	42	1m	
15	266	1m	
16	27	1m	
17	5	1m	
18	4,572	1m	

Arithmetic – Set 2 – Test 3

1 $284 + 60 =$

1 mark

2 $2{,}790 + 10 =$

1 mark

3 $127 + 2 =$

1 mark

4 $8 \times 5 =$

1 mark

5 $368 + 451 =$

1 mark

6 $728 - 534 =$

1 mark

7 $43 - \square = 31$

1 mark

8 $349 + 500 =$

1 mark

9 $590 - 80 =$

1 mark

10 4,545 + 1,000 =

1 mark

11 $\frac{1}{2}$ of 88 =

1 mark

12 11 x 11 =

1 mark

13 692 + 113 =

1 mark

14 458 – 8 =

1 mark

15 60 ÷ 6 =

1 mark

16 $\frac{1}{3}$ of 21 =

1 mark

17 324 – 117 =

1 mark

18 8 x 0 =

1 mark

Arithmetic – Set 2 – Test 3

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	3C1	10	4N2b
2	3N2b	11	3F1b
3	3C1	12	4C6a
4	3C6	13	3C2
5	3C2	14	3C1
6	3C2	15	4C6a
7	3C4	16	3F1b
8	3C1	17	3C2
9	3C1	18	4C6b

Arithmetic – Set 2 – Test 3

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	344	1m	
2	2,800	1m	
3	129	1m	
4	40	1m	
5	819	1m	
6	194	1m	
7	12	1m	
8	849	1m	
9	510	1m	
10	5,545	1m	
11	44	1m	
12	121	1m	
13	805	1m	
14	450	1m	
15	10	1m	
16	7	1m	
17	207	1m	
18	0	1m	

Arithmetic – Set 2 – Test 4

1 $423 + 3 =$

1 mark

2 $4 \times 3 =$

1 mark

3 $412 + 399 =$

1 mark

4 329 – 142 =

1 mark

5 485 + 80 =

1 mark

6 3,018 – 100 =

1 mark

7 $6 \times 6 =$

1 mark

8 $555 - 367 =$

1 mark

9 $\frac{1}{4}$ of $44 =$

1 mark

10 ☐ – 18 = 39

1 mark

11 674 – 338 =

1 mark

12 613 – 4 =

1 mark

13 $33 \div 11 =$

1 mark

14 $2{,}316 + 4{,}281 =$

1 mark

15 $378 + 496 =$

1 mark

16 $7185 - 1{,}000 =$

1 mark

17 $27 \div 1 =$

1 mark

18 $\frac{3}{4}$ of 16 =

1 mark

19 316 – 238 =

1 mark

20 512 + 608 =

1 mark

21 127 – 60 =

1 mark

Arithmetic – Set 2 – Test 4

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	3C1	12	3C1
2	3C6	13	4C6
3	3C2	14	4C2
4	3C2	15	3C2
5	3C1	16	4N2b
6	3N2b	17	4C6b
7	4C6	18	3F1b
8	3C2	19	3C2
9	3F1b	20	3C2
10	3C4	21	3C1
11	3C2		

Arithmetic – Set 2 – Test 4

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	426	1m	
2	12	1m	
3	811	1m	
4	187	1m	
5	565	1m	
6	2,918	1m	
7	36	1m	
8	188	1m	
9	11	1m	
10	57	1m	
11	336	1m	
12	609	1m	
13	3	1m	
14	6,597	1m	
15	874	1m	
16	6,185	1m	
17	27	1m	
18	12	1m	
19	78	1m	
20	1,120	1m	
21	67	1m	

Arithmetic – Set 2 – Test 5

1

138 + 8 =

1 mark

2

394 + 412 =

1 mark

3

27 + ☐ = 85

1 mark

4 364 + 40 =

1 mark

5 524 – 197 =

1 mark

6 3 x 8 =

1 mark

7 2,834 – 1,414 =

1 mark

8 405 – 6 =

1 mark

9 11 x 9 =

1 mark

10 315 – 226 =

1 mark

11 183 + 498 =

1 mark

12 3,219 – 1,000 =

1 mark

13 $275 - 80 =$

1 mark

14 $\frac{1}{4}$ of $56 =$

1 mark

15 $25 \times 0 =$

1 mark

16 516 – 480 =

1 mark

17 393 + 939 =

1 mark

18 42 + 6,000 =

1 mark

19 $870 - 488 =$

1 mark

20 $\frac{2}{3}$ of $18 =$

1 mark

21 $24 \div 6 =$

1 mark

Arithmetic – Set 2 – Test 5

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	3C1	12	4N2b
2	3C2	13	3C1
3	3C4	14	3F1b
4	3C1	15	4C6b
5	3C2	16	3C2
6	3C6	17	3C2
7	4C2	18	4N2b
8	3C1	19	3C2
9	4C6a	20	3F1b
10	3C2	21	4C6a
11	3C2		

Arithmetic – Set 2 – Test 5

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	146	1m	
2	806	1m	
3	58	1m	
4	404	1m	
5	327	1m	
6	24	1m	
7	1,420	1m	
8	399	1m	
9	99	1m	
10	89	1m	
11	681	1m	
12	2,219	1m	
13	195	1m	
14	14	1m	
15	0	1m	
16	36	1m	
17	1,332	1m	
18	6,042	1m	
19	382	1m	
20	12	1m	
21	4	1m	

Arithmetic – Set 2 – Test 6

1

380 + 500 =

1 mark

2

82 – 5 =

1 mark

3

662 + 238 =

1 mark

4 900 +110=

1 mark

5 115 – 108 =

1 mark

6 519 + 394 =

1 mark

7 $82 - \square = 47$

1 mark

8 $39 + 1{,}000 =$

1 mark

9 $439 + 6 =$

1 mark

10 $6 \times 8 =$

1 mark

11 $843 + 672 =$

1 mark

12 $812 - 648 =$

1 mark

13 $38 \times 1 =$

1 mark

14 $368 - 186 =$

1 mark

15 $88 \div 11 =$

1 mark

16 $173 - 90 =$

1 mark

17 $\frac{2}{3}$ of $36 =$

1 mark

18 $3{,}678 - 3{,}000 =$

1 mark

19 854 + 279 =

1 mark

20 9 x 4 =

1 mark

21 $\frac{1}{5}$ of 25 =

1 mark

Arithmetic – Set 2 – Test 6

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	3C1	12	3C2
2	3C1	13	4C6b
3	3C2	14	3C2
4	3C1	15	4C6a
5	3C2	16	3C1
6	3C2	17	3F1b
7	3C4	18	4N2b
8	4N2b	19	3C2
9	3C1	20	4C6a
10	4C6a	21	3F1b
11	3C2		

Arithmetic – Set 2 – Test 6

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	880	1m	
2	77	1m	
3	900	1m	
4	1,010	1m	
5	7	1m	
6	913	1m	
7	35	1m	
8	1,039	1m	
9	445	1m	
10	48	1m	
11	1,515	1m	
12	164	1m	
13	38	1m	
14	182	1m	
15	8	1m	
16	83	1m	
17	24	1m	
18	678	1m	
19	1,133	1m	
20	36	1m	
21	5	1m	