

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 \times 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 $\frac{1}{2}$ 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 $\frac{1}{4}$ 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 $\frac{1}{3}$ 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 $\frac{3}{4}$ 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 $\frac{2}{3}$ 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 $\frac{1}{5}$ 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.

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

$$21 + \boxed{} = 42$$



1 mark

10

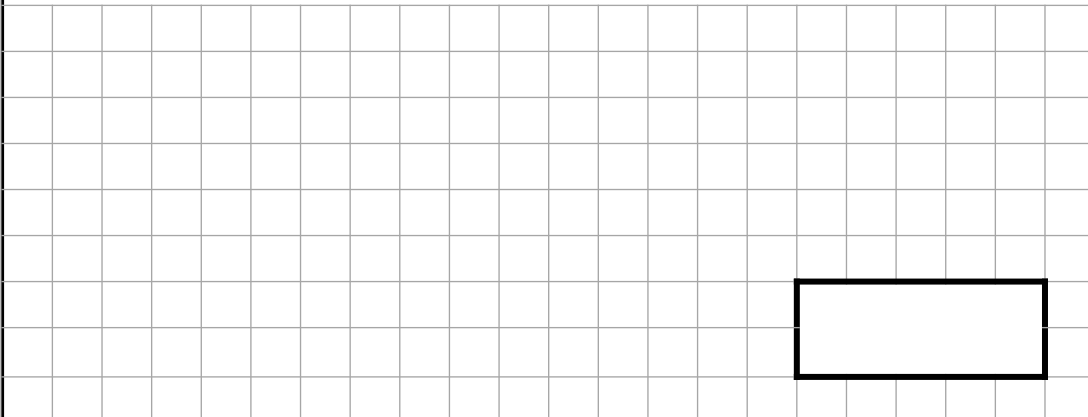
$4 \times 7 =$



1 mark

11

$872 - 100 =$



1 mark

12

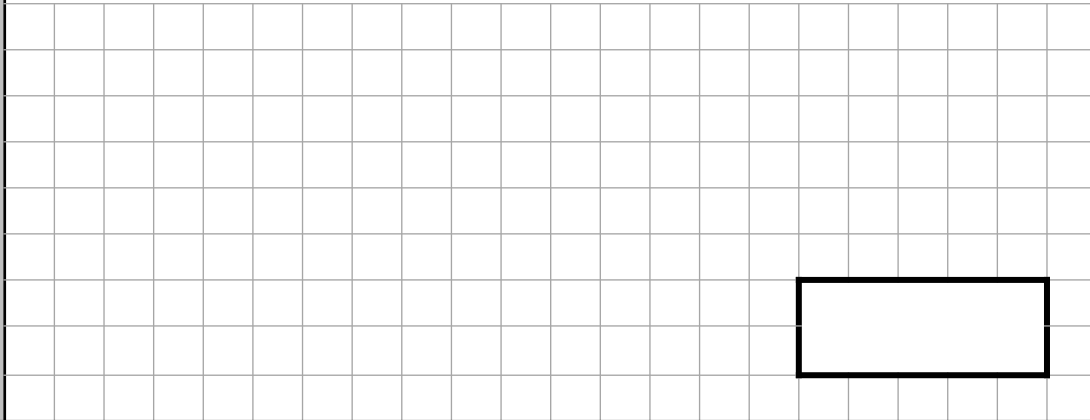
$223 + 394 =$



1 mark

13

$$328 + 200 =$$



1 mark

14


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



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	

1

$$54 + 10 =$$



1 mark

2

$$136 + 218 =$$



1 mark

3

$$394 - 3 =$$



1 mark

4

$$665 + 50 =$$



1 mark

5

$$8 \times 3 =$$



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

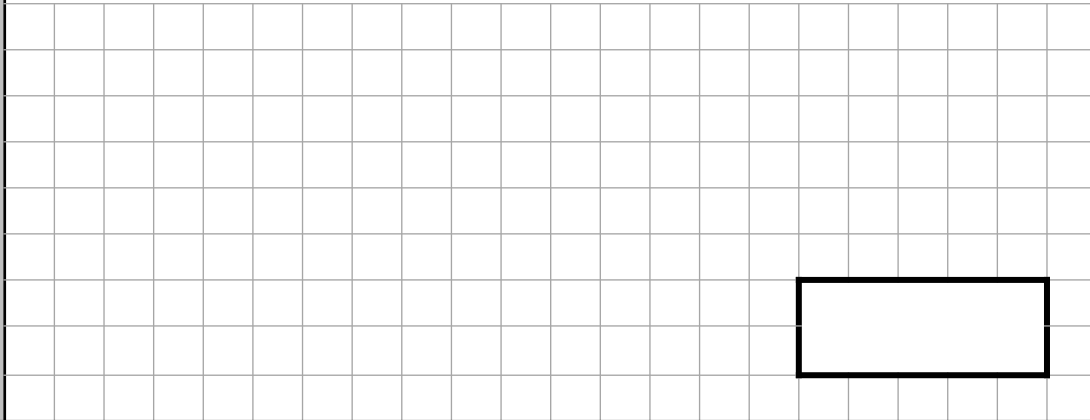
$$\frac{1}{4} \text{ of } 24 =$$



1 mark

13

$$1,772 - 10 =$$



1 mark

14

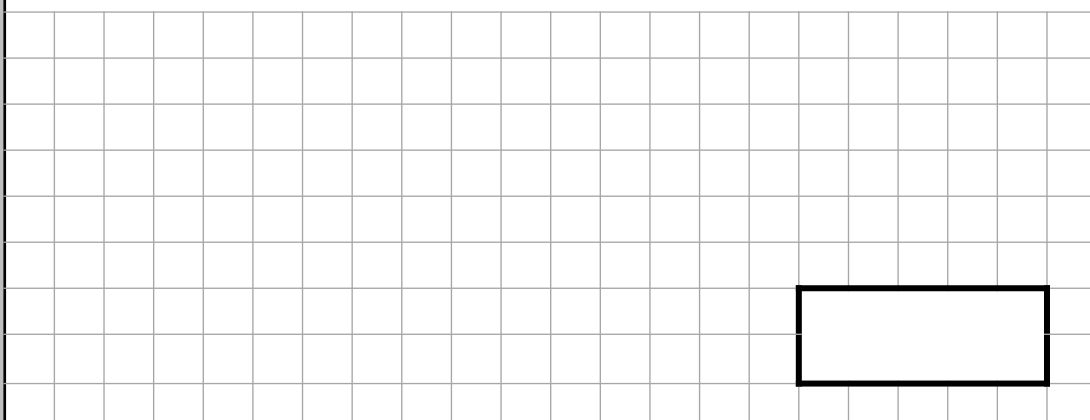
$$\square + 36 = 78$$



1 mark

15

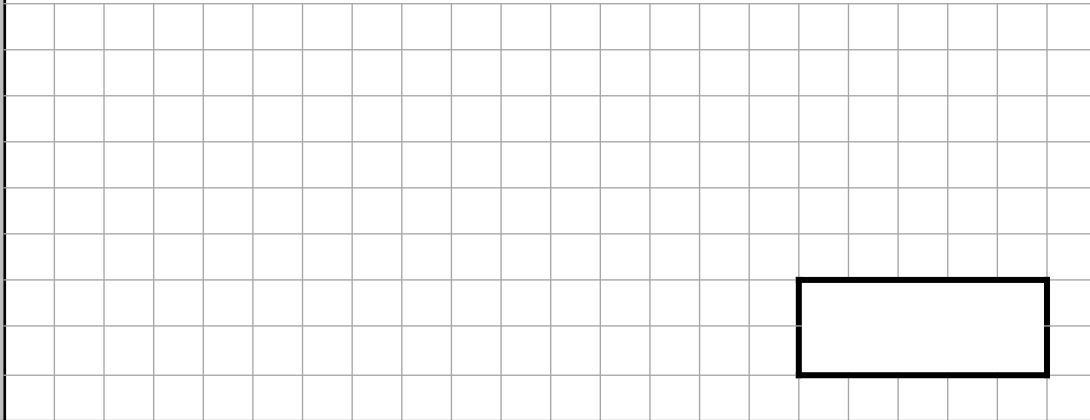
$$538 - 272 =$$



1 mark

16

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



1 mark

17

$$30 \div 6 =$$



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	

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

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



1 mark

12

$$11 \times 11 =$$



1 mark

13

$$692 + 113 =$$



1 mark

14

$$458 - 8 =$$



1 mark

15

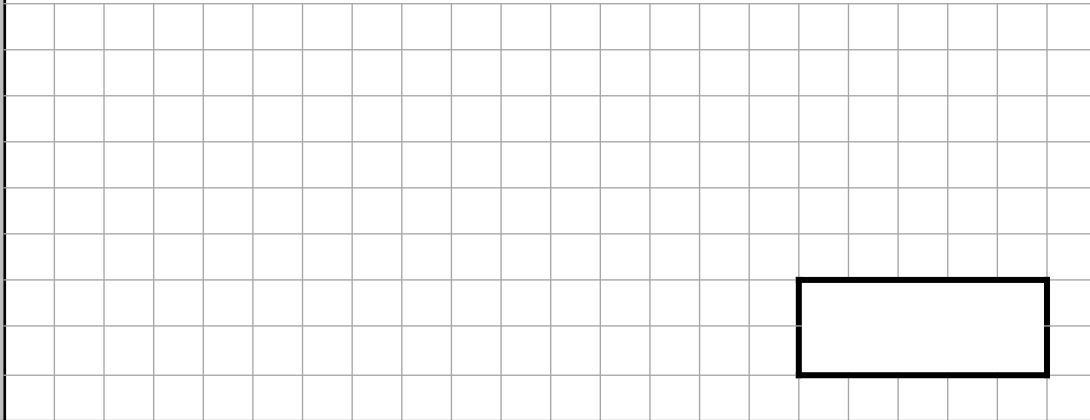
$$60 \div 6 =$$



1 mark

16

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



1 mark

17

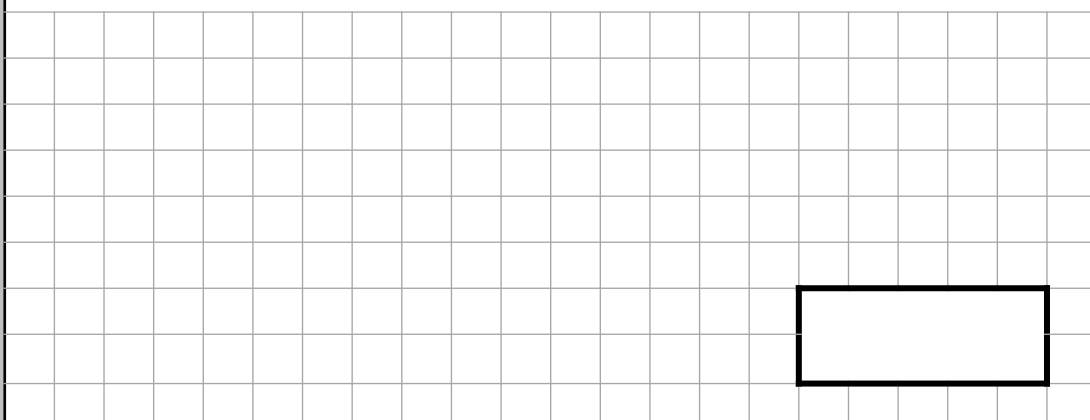
$$324 - 117 =$$



1 mark

18

$$8 \times 0 =$$



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	

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

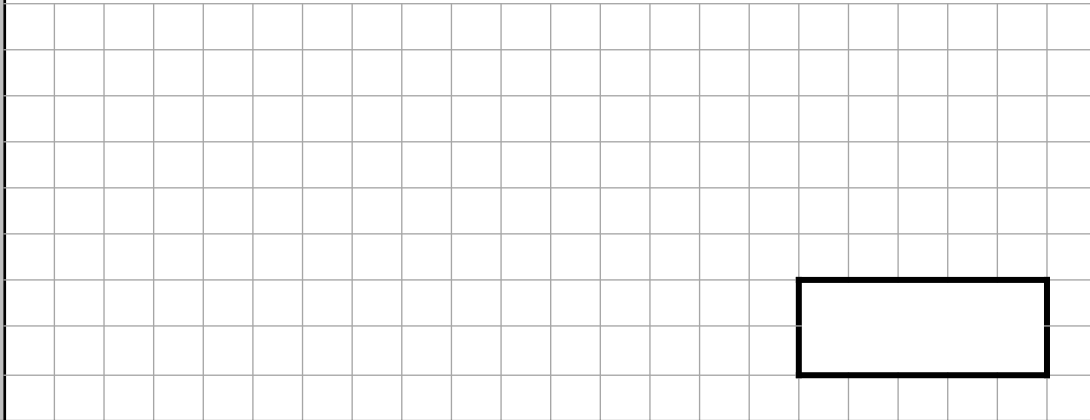
$$3,018 - 100 =$$



1 mark

7

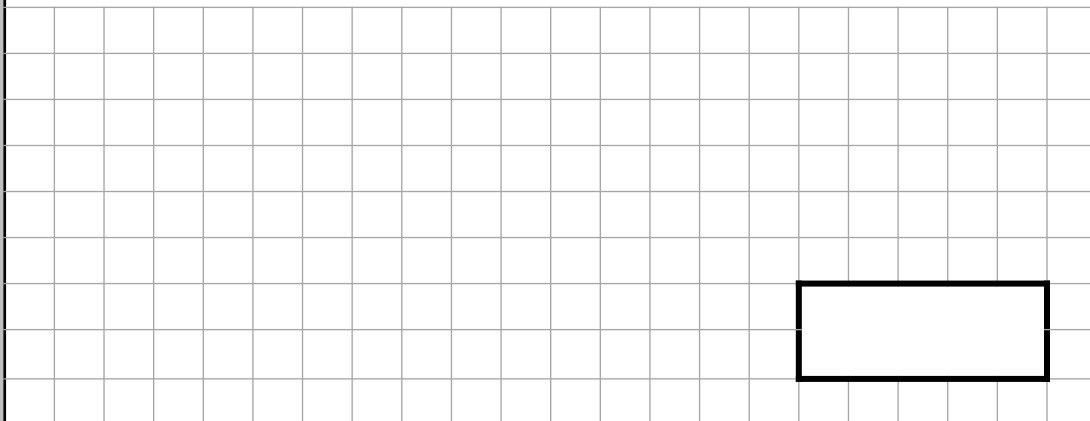
$$6 \times 6 =$$



1 mark

8

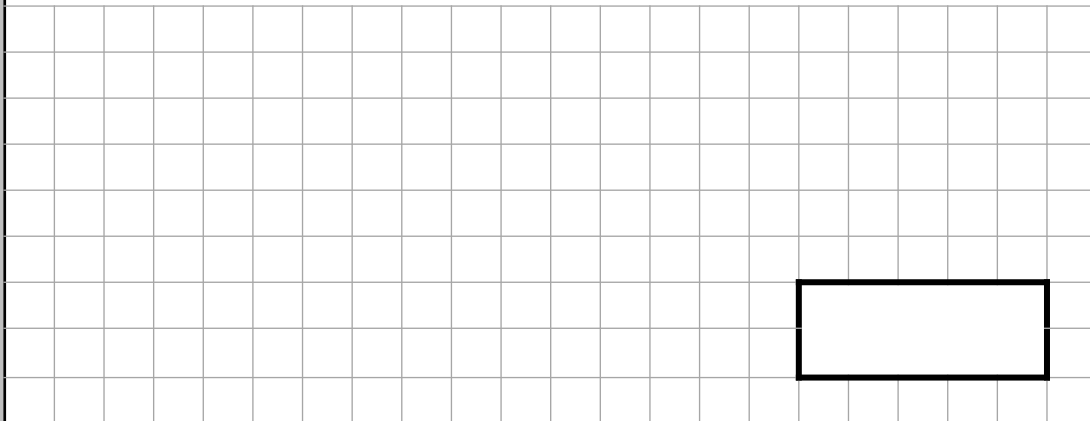
$$555 - 367 =$$



1 mark

9

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



1 mark

10

$$\boxed{} - 18 = 39$$



1 mark

11

$$674 - 338 =$$



1 mark

12

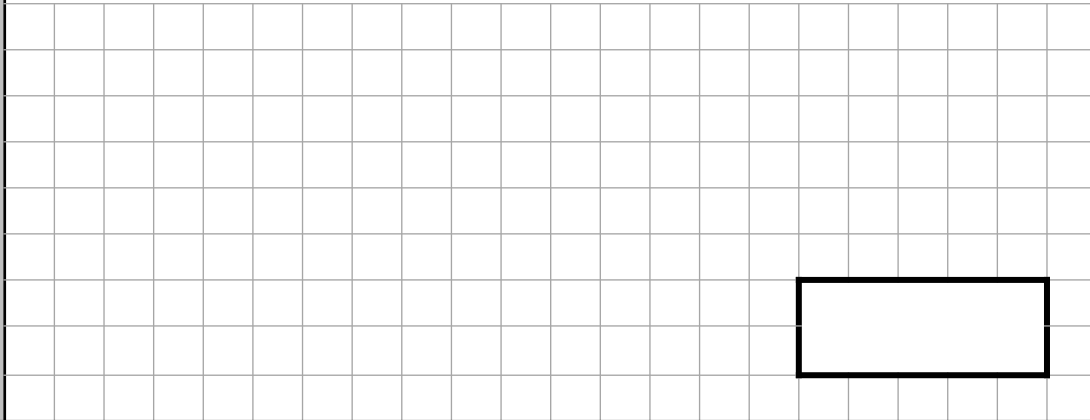
$$613 - 4 =$$



1 mark

13

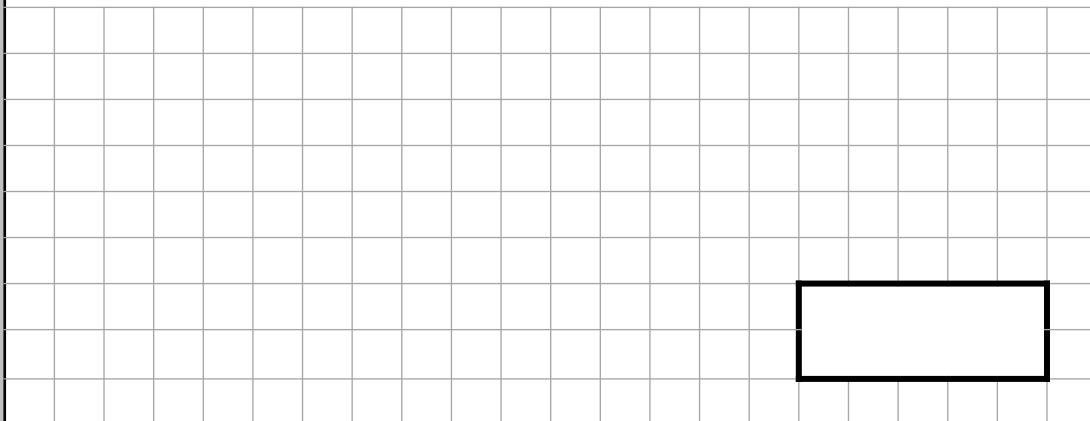
$$33 \div 11 =$$



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

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



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	

1

$$138 + 8 =$$



1 mark

2

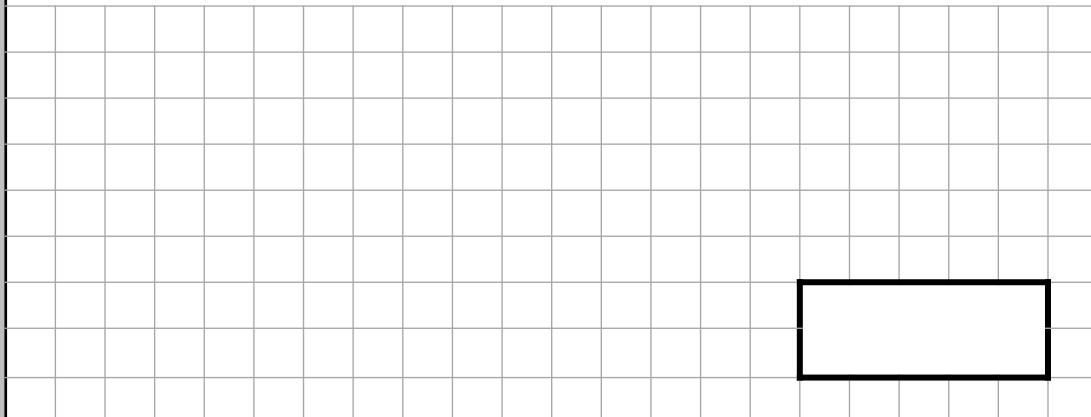
$$394 + 412 =$$



1 mark

3

$$27 + \boxed{} = 85$$



1 mark

4

$$364 + 40 =$$



1 mark

5

$$524 - 197 =$$



1 mark

6

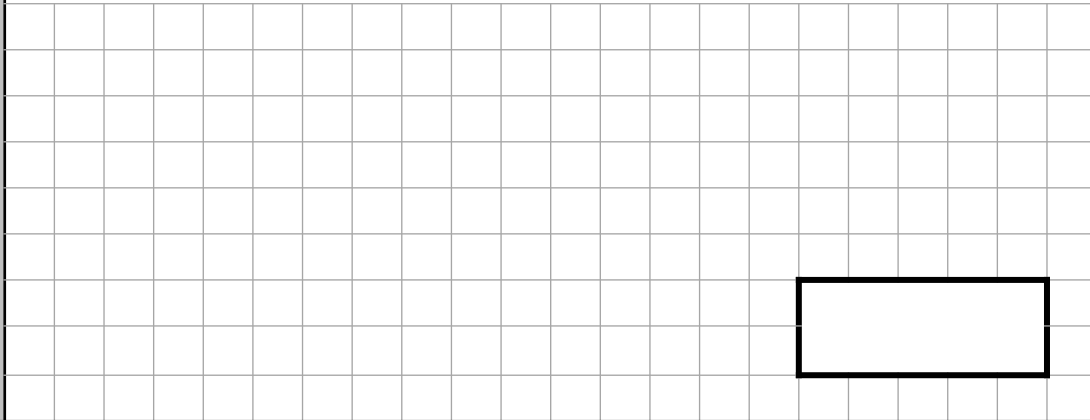
$$3 \times 8 =$$



1 mark

7

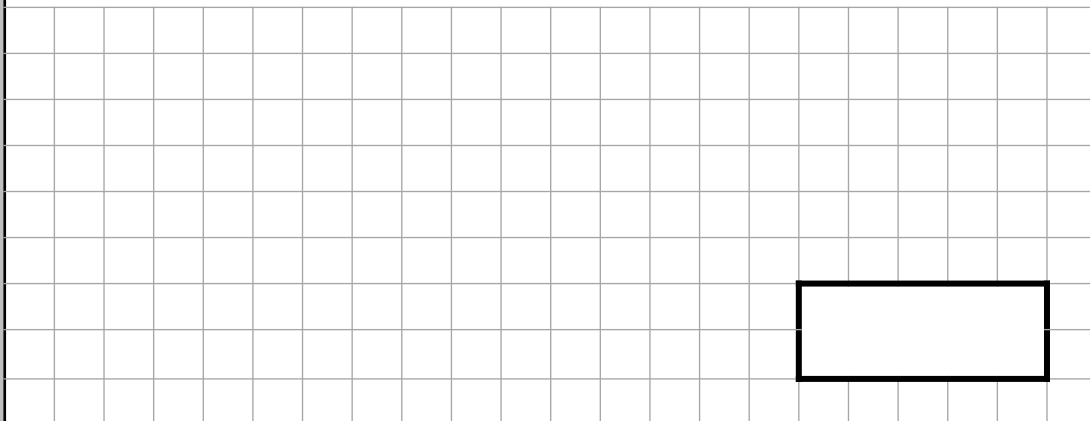
$$2,834 - 1,414 =$$



1 mark

8

$$405 - 6 =$$



1 mark

9

$$11 \times 9 =$$



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

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



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

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



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	

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

$$82 - \boxed{} = 47$$



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

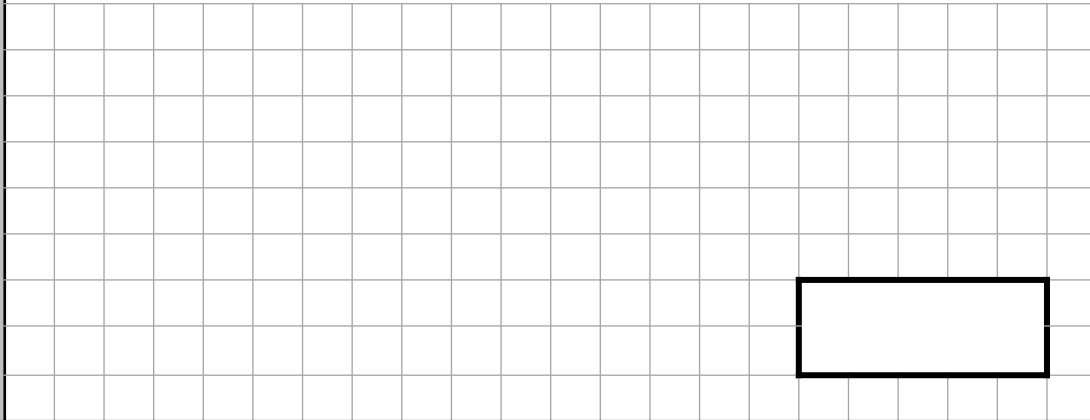
$$88 \div 11 =$$



1 mark

16

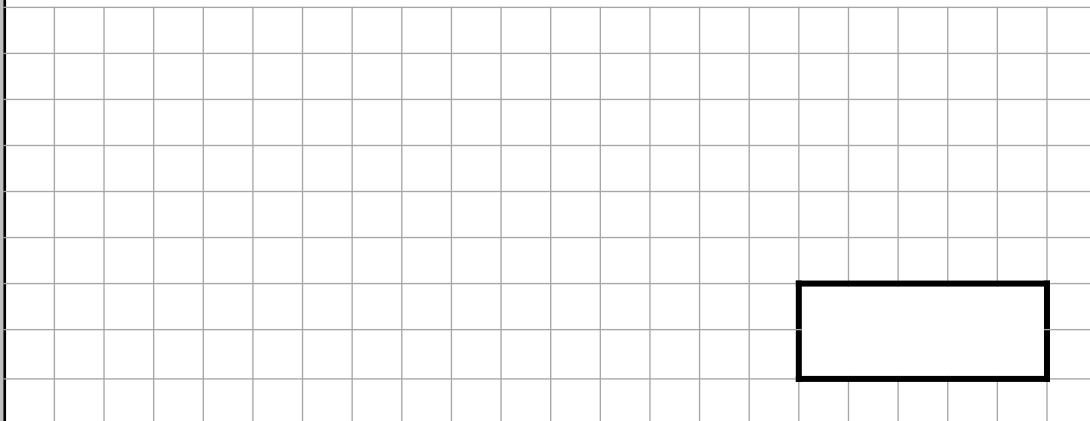
$$173 - 90 =$$



1 mark

17

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



1 mark

18

$$3,678 - 3,000 =$$



1 mark

19

$$854 + 279 =$$



1 mark

20

$$9 \times 4 =$$



1 mark

21

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



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	