Arithmetic – Year 4 – Set 6

About this Resource:

A set of 6 arithmetic tests for Year 4 Summer 2, building on prior mathematical knowledge.

National Curriculum Objectives:

Mathematics Year 3: (3N1b) 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: (3N2b) 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: (3C1) Add and subtract numbers mentally, including a three-digit number and ones

Mathematics Year 3: (3C1) Add and subtract numbers mentally, including a three-digit number and tens

Mathematics Year 3: (3C1) Add and subtract numbers mentally, including a three-digit number and hundreds

Mathematics Year 3: (3C4) Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction

Mathematics Year 3: (3F1b) Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators

Mathematics Year 3: (3C2) Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction

Mathematics Year 3: (3C8) Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects

Mathematics Year 4: (4N2b) Find 1000 more or less than a given number

Mathematics Year 4: (4C2) Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate

Mathematics Year 4: (4C6a) Recall multiplication and division facts for multiplication tables up to 12 × 12

Mathematics Year 4: (4C6b) 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

Mathematics Year 4: (4C7) Multiply two-digit and three-digit numbers by a one-digit number using formal written layout

Mathematics Year 4: (4F4) Add and subtract fractions with the same denominator within one whole [for example, 5/7 + 1/7 = 6/7]

Mathematics Year 4: (4F8) Compare numbers with the same number of decimal places up to two decimal places

Mathematics Year 4: (4F9) Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths

Mathematics Year 4: (4N1) Count in multiples of 6, 7, 9, 25 and 1000

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Year 4 – Set 6 – Teaching Information

Differentiation:

Beginner Covering all Year 4 arithmetic objectives. 30 questions. Aimed at Year 4 Secure (week 31).
Easy Covering all Year 4 arithmetic objectives. 30 questions. Aimed at Year 4 Secure (week 32).
Tricky Covering all Year 4 arithmetic objectives. 30 questions. Aimed at Year 4 Secure (week 33).
Expert Covering all Year 4 arithmetic objectives. 30 questions. Aimed at Year 4 Secure (week 34).
Brainbox Covering all Year 4 arithmetic objectives. 30 questions. Aimed at Year 4 Secure (week 35).
Genius Covering all Year 4 arithmetic objectives. 30 questions. Aimed at Year 4 Secure (week 36).

More Arithmetic Resources.

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

1

5 x 12 =

1 mark

2

85 + 70 =

1 mark

3

6 x [ ] = 72

1 mark

4

6,982 + 100 =

1 mark

5

5,876 – 567 =

1 mark

6

60 ÷ 10 =

1 mark

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7

$$\frac{5}{11} + \frac{7}{11} =$$

1 mark

8

[ ] + 255 = 500

1 mark

9

6,987 – 2,765 =

1 mark

10

12 x 7 =

1 mark

11

52 x 7 =

1 mark

12

8 x 6 =

1 mark

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Year 4 – Set 6 – Test 1 – Page 4

13

$$\frac{3}{5} - \frac{2}{5} =$$

1 mark

14

200 – ☐ = 85

1 mark

15

8 x ☐ = 80

1 mark

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16

2,089 – 200 =

17

8,210 + 1,498 =

18

12 x 0 =

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Year 4 – Set 6 – Test 1 – Page 6
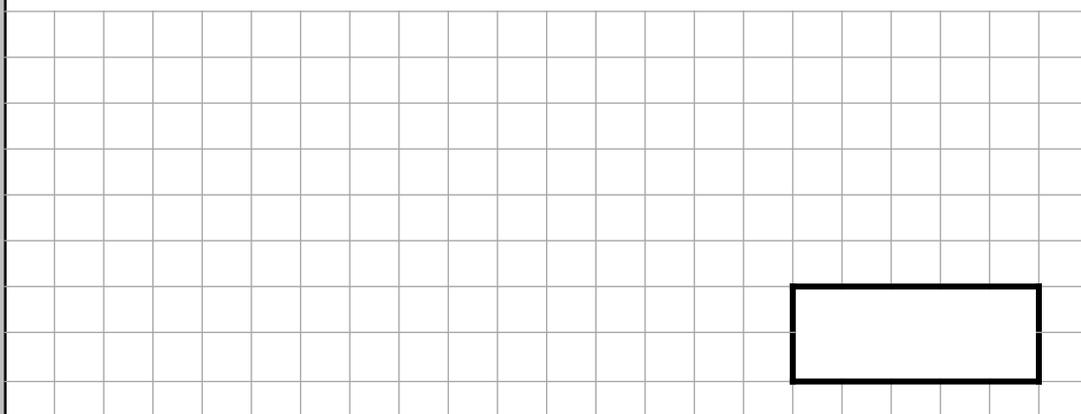
19

63 ÷ 7 =

1 mark

20

7,500 + 1,500 =

1 mark

21

☐ x 3 = 42

1 mark

classroomsecrets.com
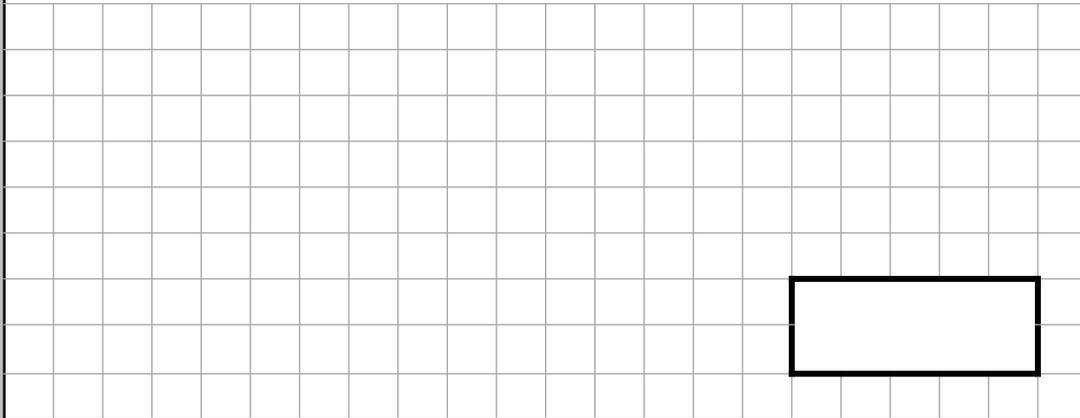
22

4,712 + 2,543 =

1 mark

23

300 + 1,650 =

1 mark

24
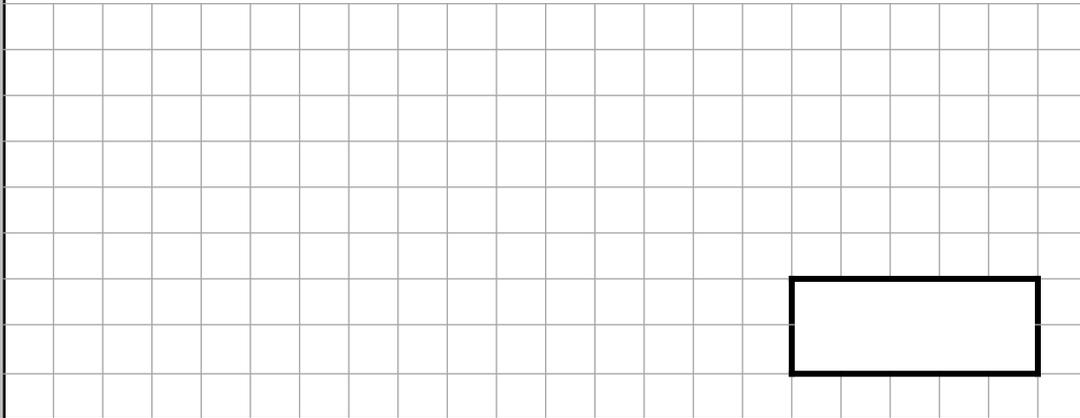
47 ÷ 1 =

1 mark

25

26 + 989 =

1 mark

26

398 – 148 =

1 mark

27

8 ÷ 10 =

1 mark

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Year 4 – Set 6 – Test 1 – Page 9

28

$\dfrac{1}{5}$ of 45 =

1 mark

29

6,000 – 3,250 =

1 mark

30

7 + 1,000 + 1,000 =

1 mark

Arithmetic – Set 6 – Test 1

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	4C6a	16	4C2
2	2C2a	17	4C2
3	3C8	18	4C6b
4	3N2b	19	4C6a
5	4C2	20	4C2
6	4C6a	21	3C8/4C6a
7	4F4	22	4C2
8	3C4	23	4C2
9	4C2	24	4C6b
10	4C6a	25	3C2
11	4C7	26	3C2
12	4C6a	27	4F9
13	4F4	28	3F1b
14	3C4	29	4C2
15	3C8	30	4N1

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Year 4 – Set 6 – Test 1 ANSWERS

Arithmetic – Set 6 – Test 1

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	60	1m	
2	155	1m	
3	12	1m	
4	7,082	1m	
5	5,309	1m	
6	6	1m	
7	$\frac{12}{11}$ or $1\frac{1}{11}$	1m	Accept equivalent fractions.
8	245	1m	
9	4,222	1m	
10	84	1m	
11	364	1m	
12	48	1m	
13	$\frac{1}{5}$	1m	Accept equivalent fractions.
14	115	1m	
15	10	1m	
16	1,889	1m	
17	9,708	1m	
18	0	1m	
19	9	1m	
20	9,000	1m	
21	14	1m	
22	7,255	1m	
23	1,950	1m	
24	47	1m	
25	1,015	1m	
26	250	1m	
27	0.8	1m	

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Year 4 – Set 6 – Test 1 ANSWERS

Arithmetic – Set 6 – Test 1

Mark scheme

Qu.	Requirement	Mark	Additional guidance
28	9	1m	
29	2,750	1m	
30	2,007	1m	

1

885 – 90 =

1 mark

2

673 + 350 =

1 mark

3

229 + 1,000 =

1 mark

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Year 4 – Set 6 – Test 2 – Page 1

4

9,760 – 800 =

1 mark

5

898 + 8 =

1 mark

6

3 x 11 =

1 mark

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Year 4 – Set 6 – Test 2 – Page 2

7

$72 \div \boxed{} = 8$

1 mark

8

$23 \times 10 =$

1 mark

9

$9{,}874 - 987 =$

1 mark

10

457 x 4 =
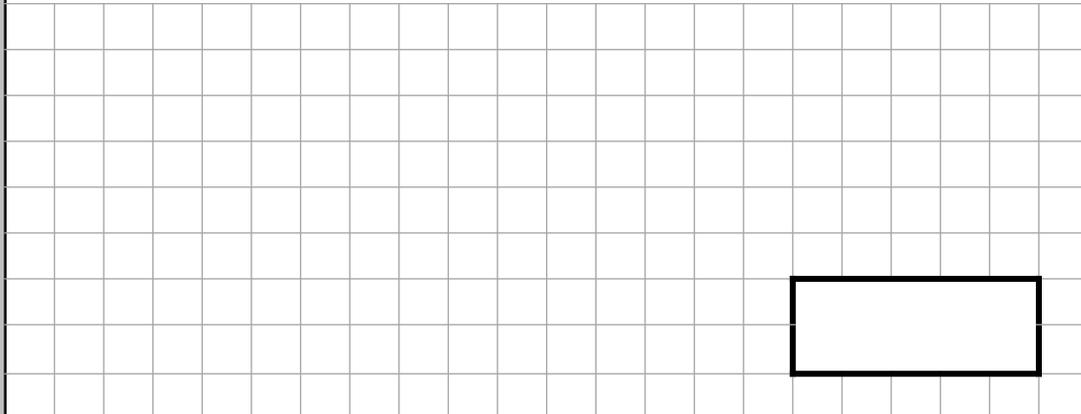
1 mark

11
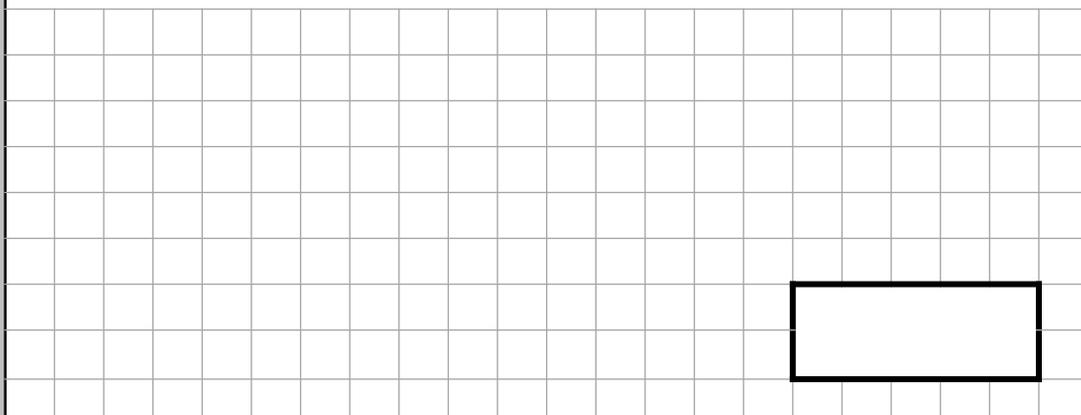
3,200 + 900 =

1 mark

12

6,589 + 89 =

1 mark

13

13 + 6.8 =

1 mark

14

20 x 100 =

1 mark

15

$\dfrac{15}{9} - \dfrac{8}{9} =$
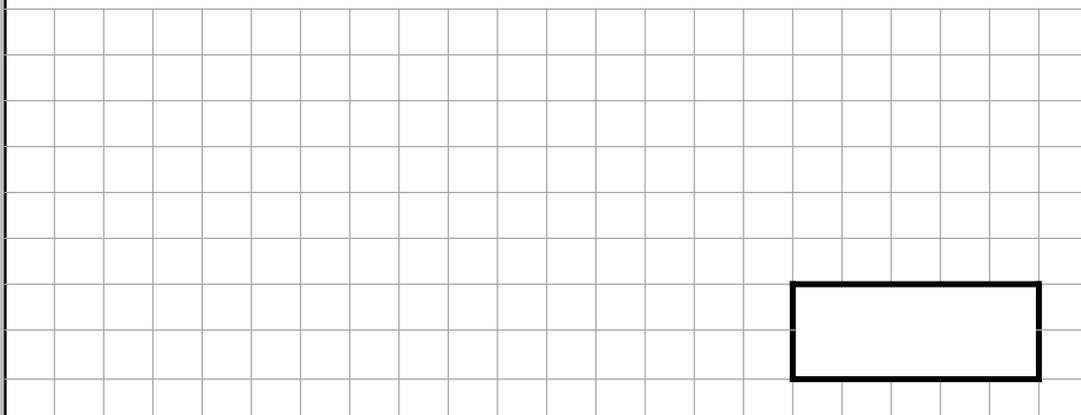
1 mark

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16

6 x 7 =
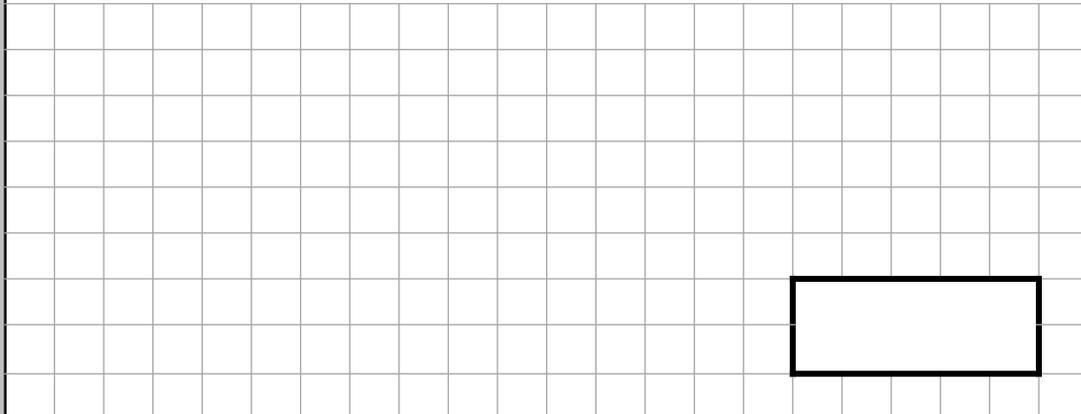
1 mark

17

$\frac{2}{3}$ of 45 =

1 mark

18

200 + 900 =

1 mark

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19

405 – 90 =

1 mark

20

25 + 25 + 25 =

1 mark

21

8.9 + 15 =

1 mark

22

$\boxed{} + 550 = 1{,}250$

1 mark

23
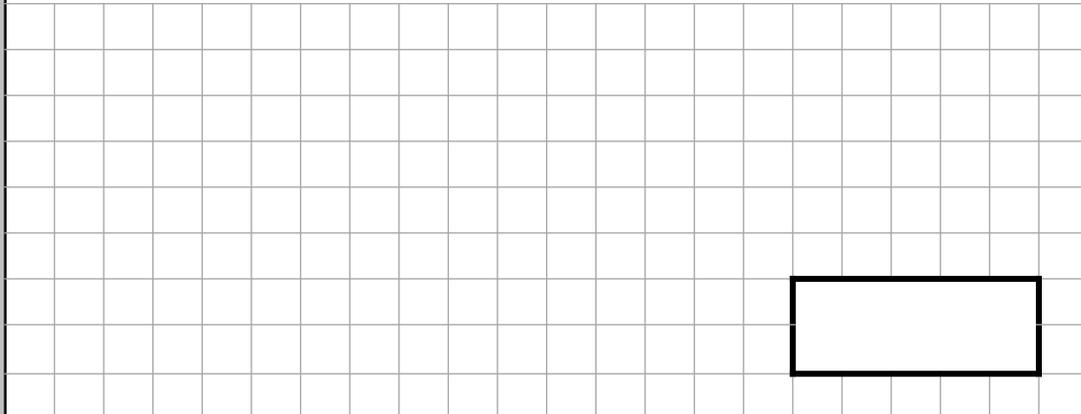
$523 \times 6 =$

1 mark

24

$115 - \boxed{} = 85$
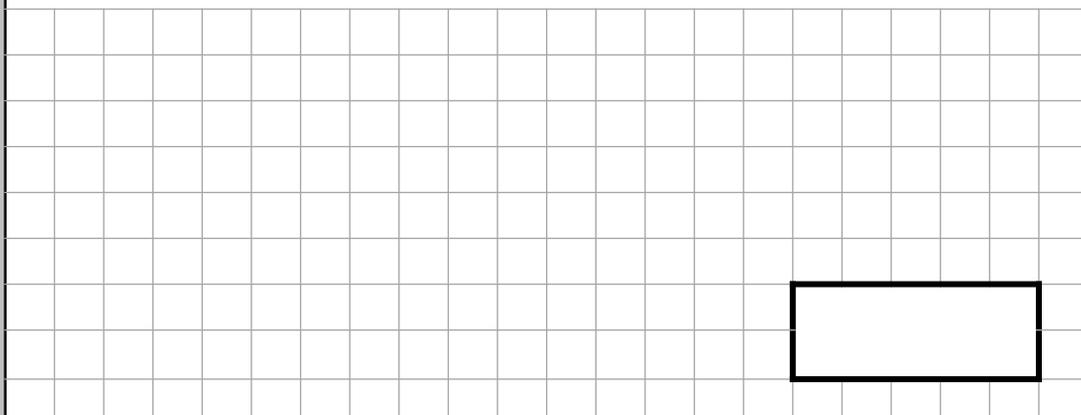
1 mark

25

5,765 + 95 =

1 mark

26
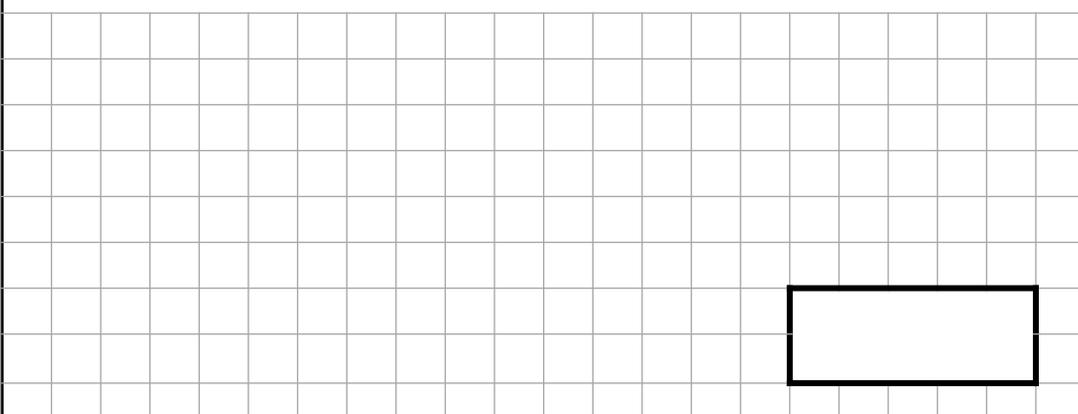
1,250 − 450 =

1 mark

27

1,250 + 2,500 =

1 mark

28

$8 \times 4 \times 2 =$

1 mark

29

$25 \times 0 =$

1 mark

30

$7 \times 8 =$

1 mark

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Arithmetic – Set 6 – Test 2

Content domain coverage

Question	Content domain reference	Question1	Content domain reference
1	3C2	16	4C6a
2	3C2	17	3F1b
3	4N2b	18	3C1
4	4C2	19	3C2
5	3C2	20	4N1
6	4C6a	21	4F4
7	4C6a	22	3C4
8	4C6a	23	4C7
9	4C2	24	3C4
10	4C7	25	4C2
11	4C2	26	3C2
12	4C2	27	4C2
13	4F8	28	4C6b
14	3N1b	29	4C6b
15	4F4	30	4C6

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Year 4 – Set 6 – Test 2 ANSWERS

Arithmetic – Set 6 – Test 2

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	795	1m	
2	1,023	1m	
3	1,229	1m	
4	8,960	1m	
5	906	1m	
6	33	1m	
7	9	1m	
8	230	1m	
9	8,887	1m	
10	1,828	1m	
11	4,100	1m	
12	6,678	1m	
13	19.8	1m	
14	2,000	1m	
15	$\frac{7}{9}$	1m	Accept equivalent fractions.
16	42	1m	
17	30	1m	
18	1,100	1m	
19	315	1m	
20	75	1m	
21	23.9	1m	
22	700	1m	
23	3,138	1m	
24	30	1m	
25	5,860	1m	
26	800	1m	
27	3,750	1m	

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Year 4 – Set 6 – Test 2 ANSWERS

Arithmetic – Set 6 – Test 2

Mark scheme

Qu.	Requirement	Mark	Additional guidance
28	64	1m	
29	0	1m	
30	56	1m	

1

87 + 1,000 =

1 mark

2

865 – 250 =

1 mark

3

523 x 3 =

1 mark

4

329 – 100 =

1 mark

5

8.9 + 7 =

1 mark

6

36 ÷ ☐ = 6

1 mark

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7

$3 \times 25 =$

1 mark

8

$4 \times \boxed{} = 24$

1 mark

9

$25 \div 100 =$

1 mark

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10

$$\frac{5}{12} + \frac{7}{12} =$$

1 mark

11

4,123 + 3,654 =

1 mark

12

9 x 9 =

1 mark

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13

7 x 5 x 3 =

1 mark

14

120 ÷ 100 =
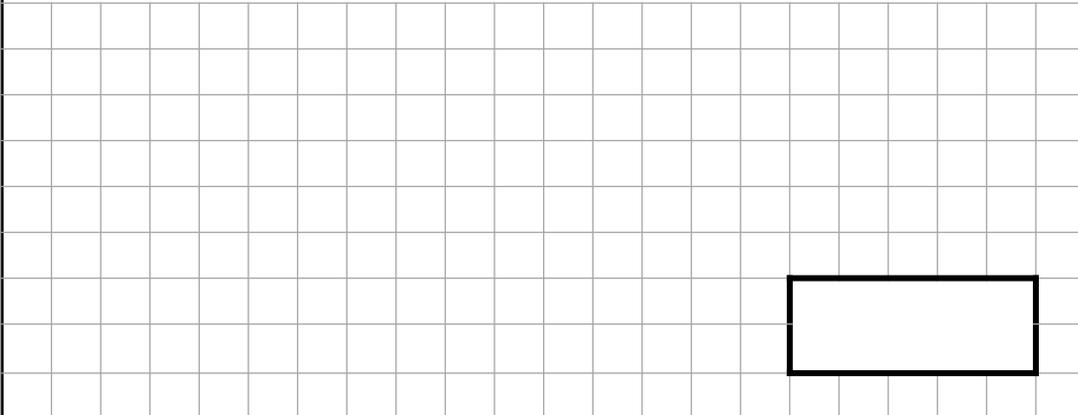
1 mark

15

9,021 – 4,987 =

1 mark

16

21 + 5.3 =

1 mark

17

85 ÷ 1 =

1 mark

18

12 x 5 =

1 mark

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Year 4 – Set 6 – Test 3 – Page 6

19

$\boxed{} + 521 = 985$

1 mark

20

3 x 9 x 2 =

1 mark

21

872 + 2,685 =

1 mark

22

8,000 − 4,125 =

1 mark

23

532 x 6 =

1 mark

24

66 ÷ ☐ = 11

1 mark

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Year 4 – Set 6 – Test 3 – Page 8

25

☐ − 322 = 890

1 mark

26

7,700 − 870 =

1 mark

27

2,345 + 678 =

1 mark

28

$\dfrac{3}{4}$ of 28 =

1 mark

29

9,520 − ▢ = 9,000

1 mark

30

9,852 − 980 =

1 mark

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Arithmetic – Set 6 – Test 3

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	4N2b	16	4F8
2	3C2	17	4C6b
3	4C7	18	2C6
4	3N2b	19	3C4
5	4F8	20	4C6b
6	3C8	21	4C2
7	4N1	22	4C2
8	4C6a	23	4C7
9	4F9	24	4C6a
10	4F4	25	3C4
11	4C2	26	4C2
12	4C6a	27	4C2
13	4C6b	28	3F1b
14	4F9	29	3C4
15	4C2	30	4C2

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Year 4 – Set 6 – Test 3 ANSWERS

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	1,087	1m	
2	615	1m	
3	1,569	1m	
4	229	1m	
5	15.9	1m	
6	6	1m	
7	75	1m	
8	6	1m	
9	0.25	1m	
10	$\frac{12}{12}$ or 1	1m	Accept equivalent fractions.
11	7,777	1m	
12	81	1m	
13	105	1m	
14	1.2	1m	
15	4,034	1m	
16	26.3	1m	
17	85	1m	
18	60	1m	
19	464	1m	
20	54	1m	
21	3,557	1m	
22	3,875	1m	
23	3,192	1m	
24	6	1m	
25	1,212	1m	
26	6,830	1m	
27	3,023	1m	

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Year 4 – Set 6 – Test 3 ANSWERS

Arithmetic – Set 6 – Test 3

Mark scheme

Qu.	Requirement	Mark	Additional guidance
28	21	1m	
29	520	1m	
30	8,872	1m	

1

935 + 8 =

1 mark

2

72 ÷ 12 =

1 mark

3

12 x 0 =

1 mark

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Year 4 – Set 6 – Test 4 – Page 1

4

832 – 97 =

1 mark

5

12 – 3.5 =

1 mark

6

2 x 2 x 1 =

1 mark

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Year 4 – Set 6 – Test 4 – Page 2

7

$2,109 - 1,543 =$

1 mark

8

$3 \times 9 =$

1 mark

9

$430 \div 100 =$

1 mark

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10

$\frac{2}{3}$ of 33 =

1 mark

11

213 x 8 =

1 mark

12

$\frac{12}{15} - \frac{8}{15} =$

1 mark

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13

$5 \times 2 \times 9 =$

1 mark

14

$8 \div 10 =$

1 mark

15

$5 \times \boxed{} = 40$

1 mark

16

$34 \times 9 =$

1 mark

17

$108 \div \boxed{} = 12$

1 mark

18

$11 - 2.1 =$

1 mark

19

$12 + 9.9 =$

1 mark

20

$66 \div 6 =$

1 mark

21

$9{,}836 - 2{,}999 =$

1 mark

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22

321 x 2 =

1 mark

23

999 + 1,000 =

1 mark

24

222 + ▢ = 1,000

1 mark

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25

39 + 4.6 =

1 mark

26

47 x 0 =

1 mark

27

☐ x 7 = 56

1 mark

28

$350 - \boxed{} = 30$

1 mark

29

$45 \div 5 =$

1 mark

30

$7,990 - 195 =$

1 mark

Arithmetic – Set 6 – Test 4

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	3C2	16	4C7
2	4C6a	17	3C8
3	4C6b	18	4F8
4	3C2	19	4F8
5	4F8	20	4C6a
6	4C6b	21	4C2
7	4C2	22	4C7
8	4C6a	23	4N2b
9	4F9	24	3C4
10	3F1b	25	4F8
11	4C7	26	4C6b
12	4F4	27	3C8
13	4C6b	28	3C4
14	4F9	29	4C6a
15	3C8	30	4C2

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Year 4 – Set 6 – Test 4 ANSWERS

Arithmetic – Set 6 – Test 4

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	943	1m	
2	6	1m	
3	0	1m	
4	735	1m	
5	8.5	1m	
6	4	1m	
7	566	1m	
8	27	1m	
9	4.3	1m	
10	22	1m	
11	1,704	1m	
12	$\frac{4}{15}$	1m	Accept equivalent fractions.
13	90	1m	
14	0.8	1m	
15	8	1m	
16	306	1m	
17	9	1m	
18	8.9	1m	
19	21.9	1m	
20	11	1m	
21	6,837	1m	
22	642	1m	
23	1,999	1m	
24	778	1m	
25	43.6	1m	
26	0	1m	
27	8	1m	

<u>Arithmetic – Set 6 – Test 4</u>

Mark scheme

Qu.	Requirement	Mark	Additional guidance
28	320	1m	
29	9	1m	
30	7,795	1m	

1

4,250 + 550 =
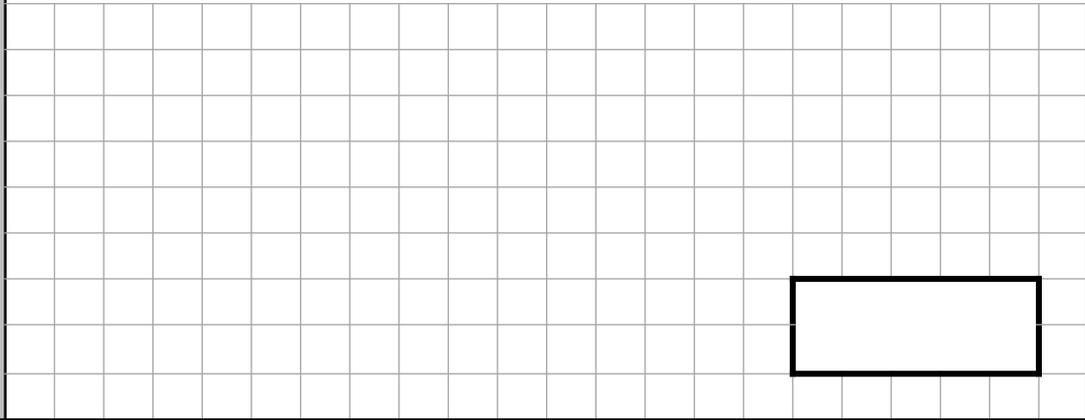
1 mark

2

700 – 220 =

1 mark

3

360 x 1 =

1 mark

4

72 ÷ 9 =
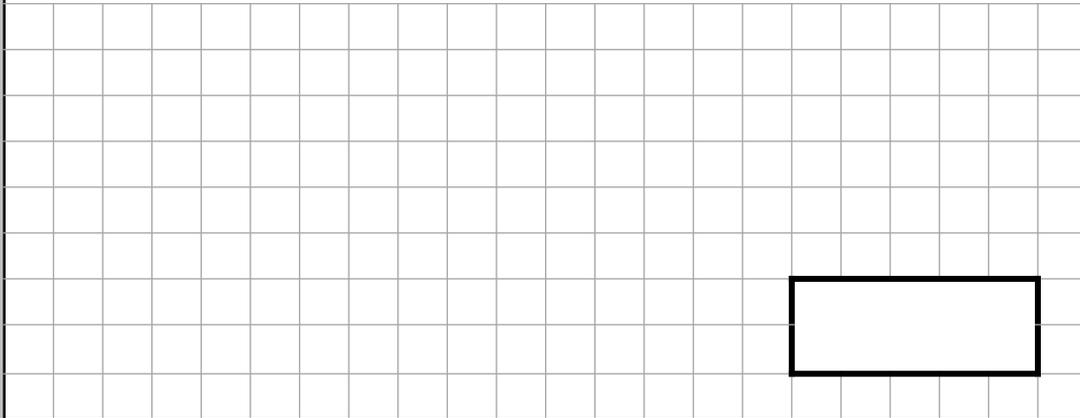
1 mark

5

2,880 + 925 =

1 mark

6

540 ÷ 100 =

1 mark

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7

67 ÷ 10 =
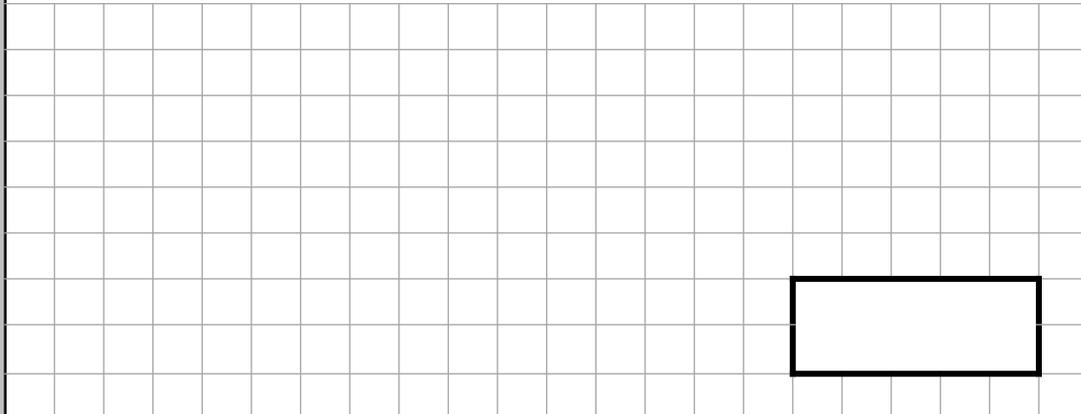
1 mark

8

4,875 – 3,880 =

1 mark

9

4 x 6 =
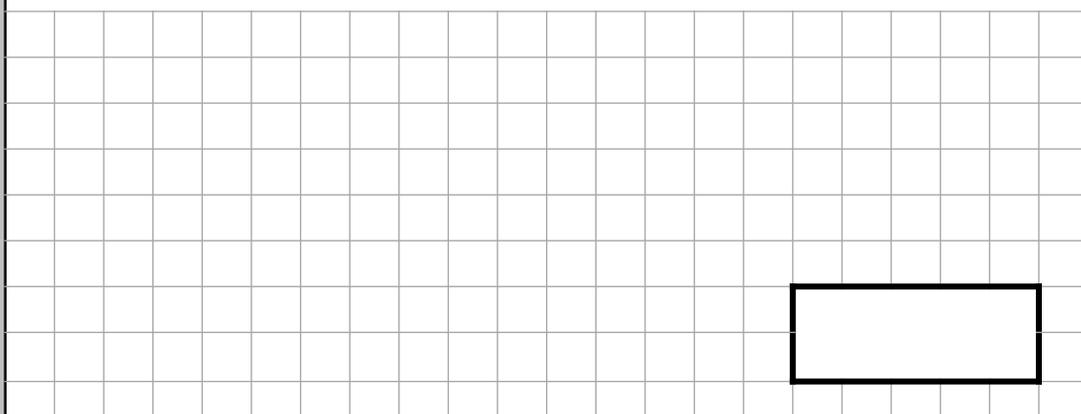
1 mark

10

$8 \times 10 =$

1 mark

11
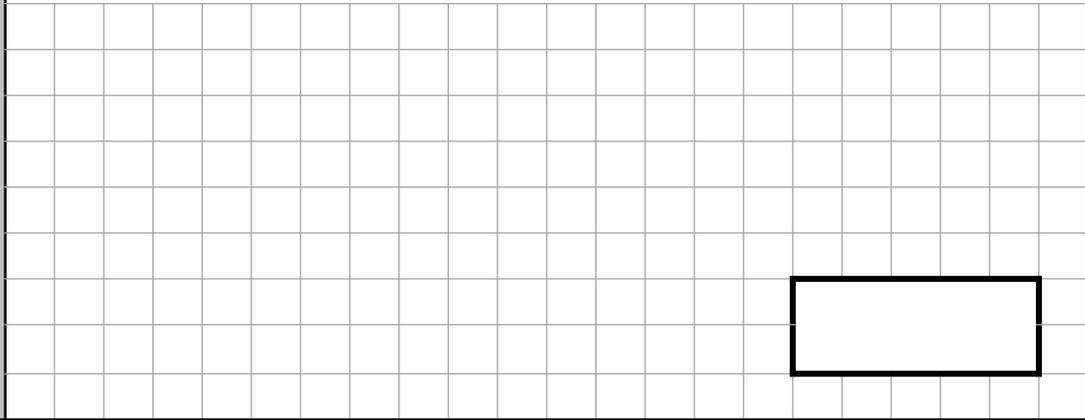
$144 \div \boxed{} = 12$
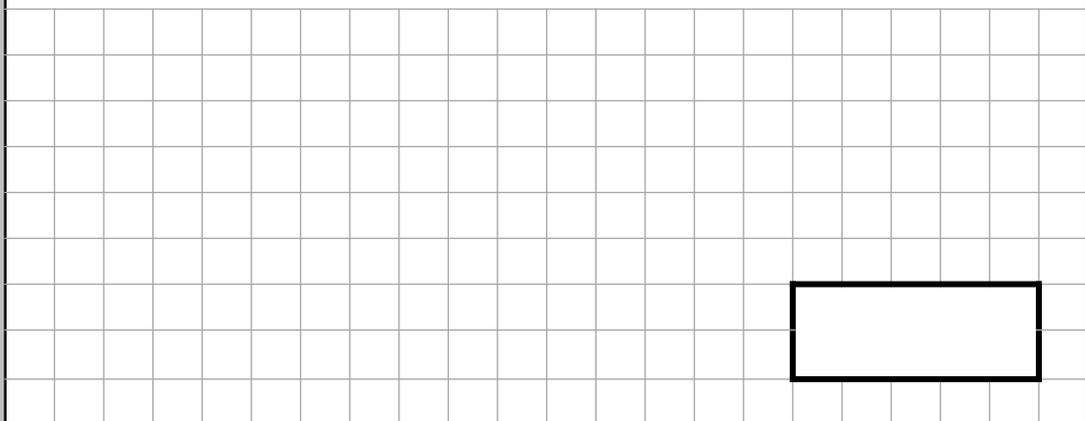
1 mark

12

$32 - 3.2 =$

1 mark

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13

6 x 9 =

1 mark

14

35 + 9,786 =

1 mark

15

42 ÷ 100 =

1 mark

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Year 4 – Set 6 – Test 5 – Page 5

16

430 + 1,000 =

1 mark

17

21 x 0 =

1 mark

18

[   ] – 1,500 = 500

1 mark

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19

$790 \div 100 =$
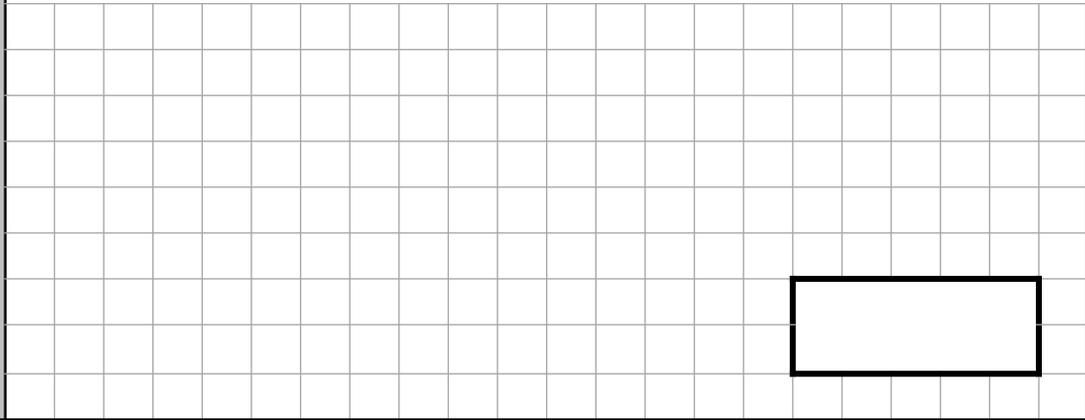
1 mark

20

$200 \times 5 =$

1 mark

21

$\dfrac{1}{5}$ of $40 =$

1 mark

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22
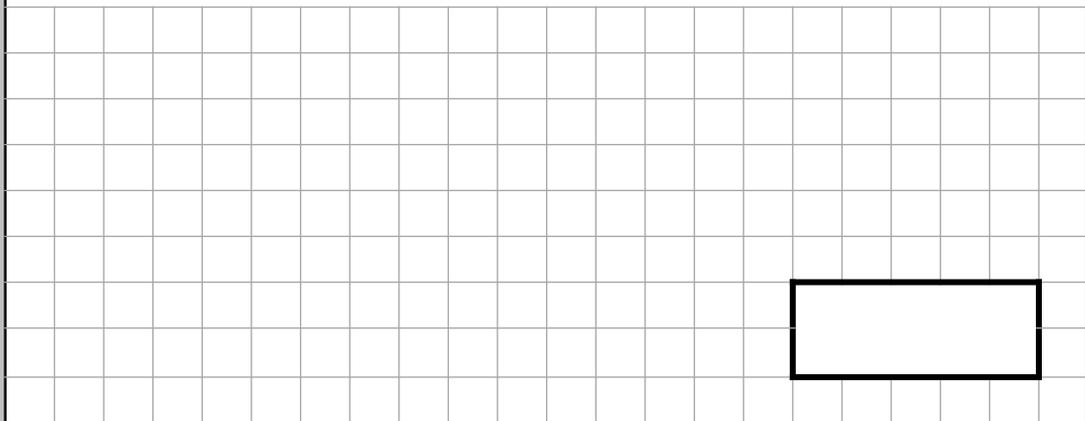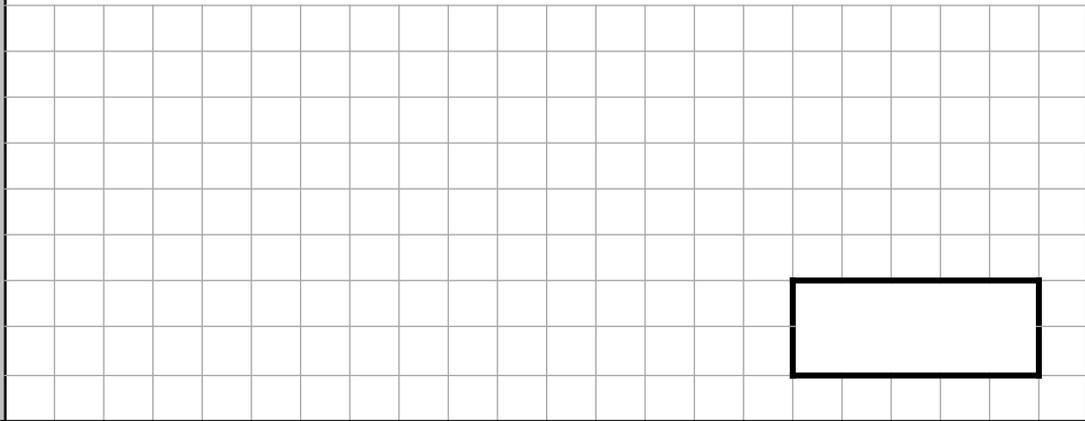
5 x 3 x 3 =
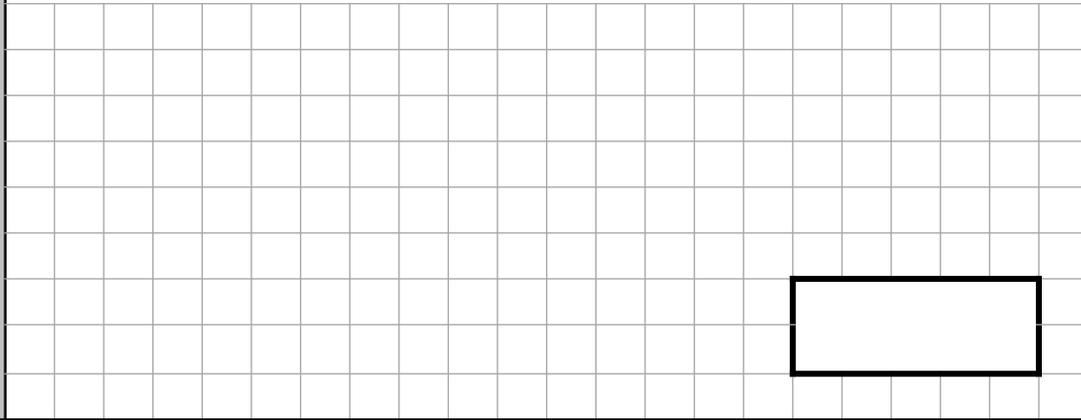
1 mark

23

[ ] + 335 = 950

1 mark

24

15 – 2.5 =

1 mark

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25

589 + 3,921 =

1 mark

26

[ ] x 10 = 100

1 mark

27

18 ÷ 2 =

1 mark

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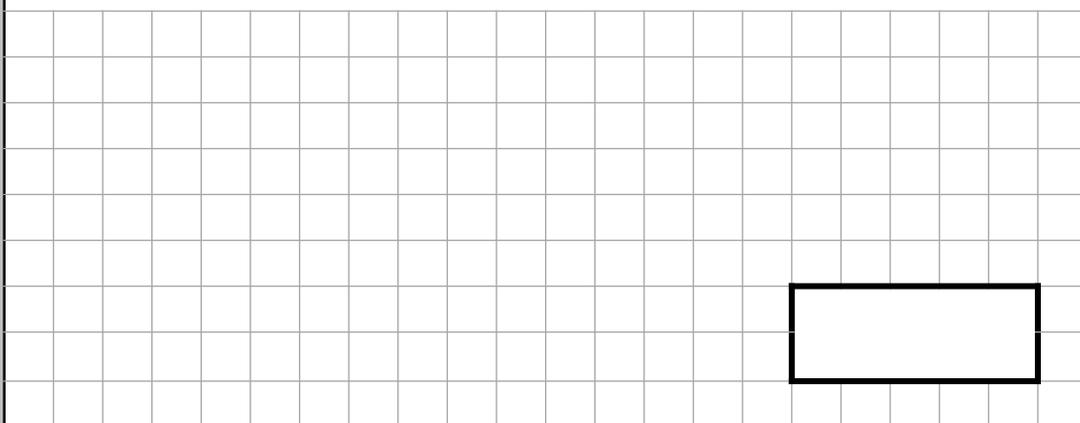
28

$6,500 - 789 =$

1 mark

29

$\boxed{} + 3,250 = 6,550$

1 mark

30

$\dfrac{3}{8} + \dfrac{5}{8} =$

1 mark

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	4C2	16	4N2b
2	3C1	17	4C6b
3	4C6b	18	3C4
4	4C6a	19	4F9
5	4C2	20	4C7
6	4F9	21	3F1b
7	4F9	22	4C6b
8	4C2	23	3C4
9	4C6a	24	4F8
10	4C6a	25	4C2
11	4C6a	26	3C8
12	4F8	27	4C6a
13	4C6a	28	4C2
14	4C2	29	3C4
15	4F9	30	4F4

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	4,800	1m	
2	480	1m	
3	360	1m	
4	8	1m	
5	3,805	1m	
6	5.4	1m	
7	6.7	1m	
8	995	1m	
9	24	1m	
10	80	1m	
11	12	1m	
12	28.8	1m	
13	54	1m	
14	9,821	1m	
15	0.42	1m	
16	1,430	1m	
17	0	1m	
18	2,000	1m	
19	7.9	1m	
20	1,000	1m	
21	8	1m	
22	45	1m	
23	615	1m	
24	12.5	1m	
25	4,510	1m	
26	10	1m	
27	9	1m	

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Year 4 – Set 6 – Test 5 ANSWERS

Arithmetic – Set 6 – Test 5

Mark scheme

Qu.	Requirement	Mark	Additional guidance
28	5,711	1m	
29	3,300	1m	
30	$\frac{8}{8}$ or 1	1m	Accept equivalent fractions.

1

1,005 – 10 =

1 mark

2

225 + 1,000 =

1 mark

3

35 ÷ 100 =

1 mark

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Year 4 – Set 6 – Test 6 – Page 1
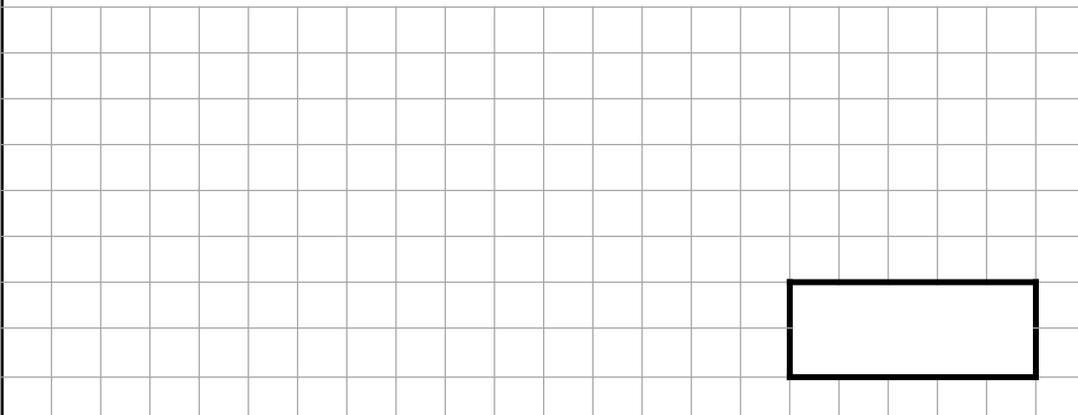
4

3,844 + 2,981 =

1 mark

5

2,954 – 985 =

1 mark

6

$\frac{1}{2}$ of 300 =

1 mark

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7

95 x 1 =

1 mark

8

65 + 990 =

1 mark

9

65 – 5.5 =

1 mark

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Year 4 – Set 6 – Test 6 – Page 3

10

64 ÷ 8 =
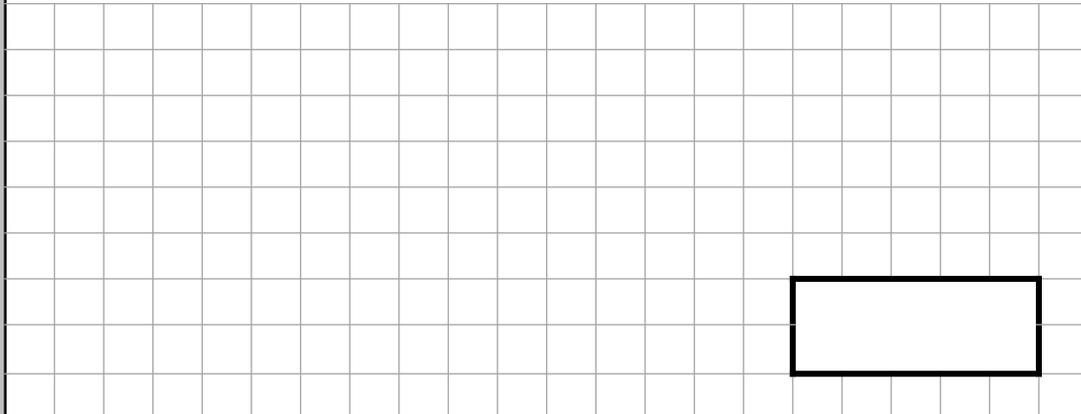
1 mark

11

$$\frac{3}{5} + \frac{4}{5} =$$

1 mark

12

10 x 12 =

1 mark

13
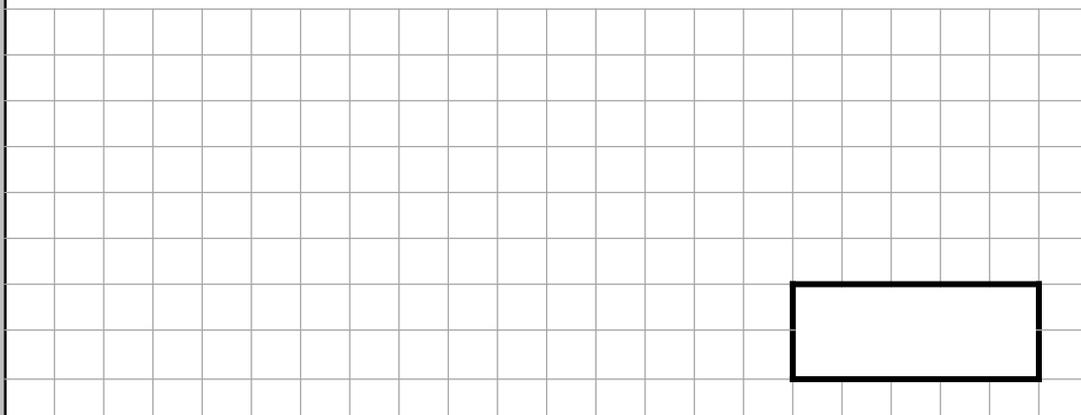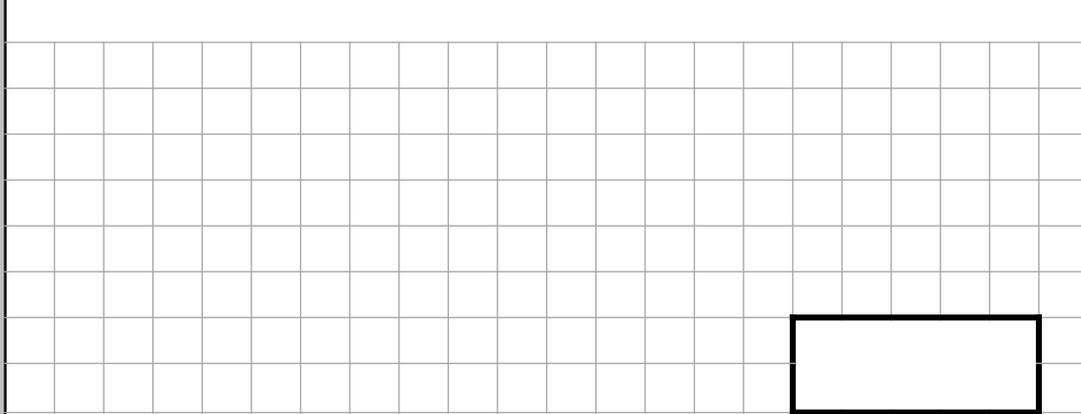
230 x 4 =

1 mark

14

49 ÷ 7 =

1 mark

15

9,950 – 1,000 =

1 mark

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16

$\frac{2}{3}$ of 60 =

1 mark

17

215 x 9 =

1 mark

18

20 ÷ 10 =

1 mark

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Year 4 – Set 6 – Test 6 – Page 6

19
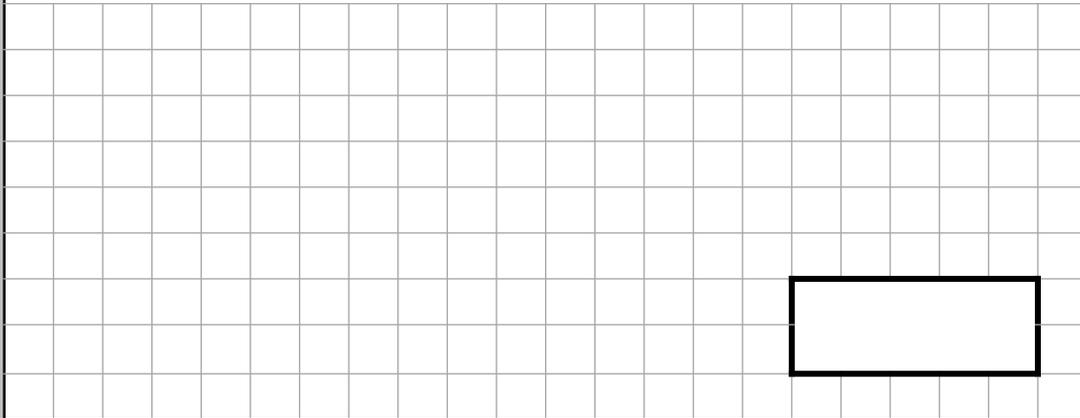
6 x 3 x 2 =
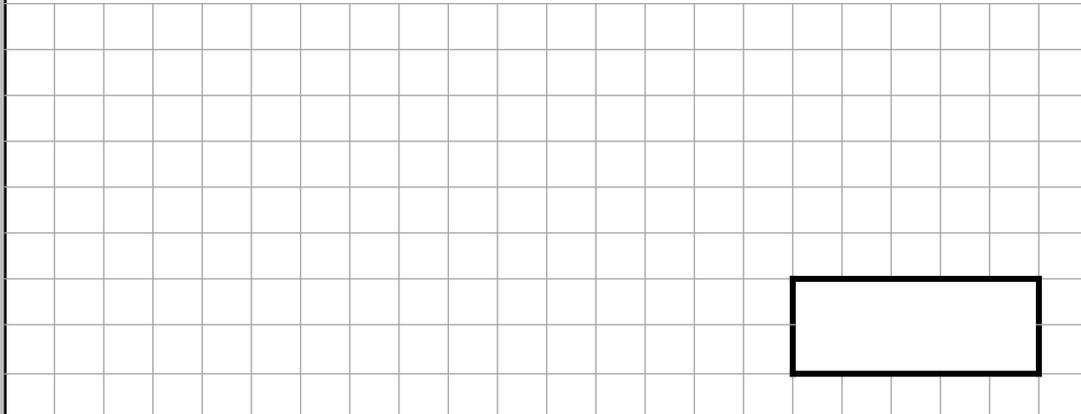
1 mark

20

3,389 + 240 =

1 mark

21

100 – 9.5 =

1 mark

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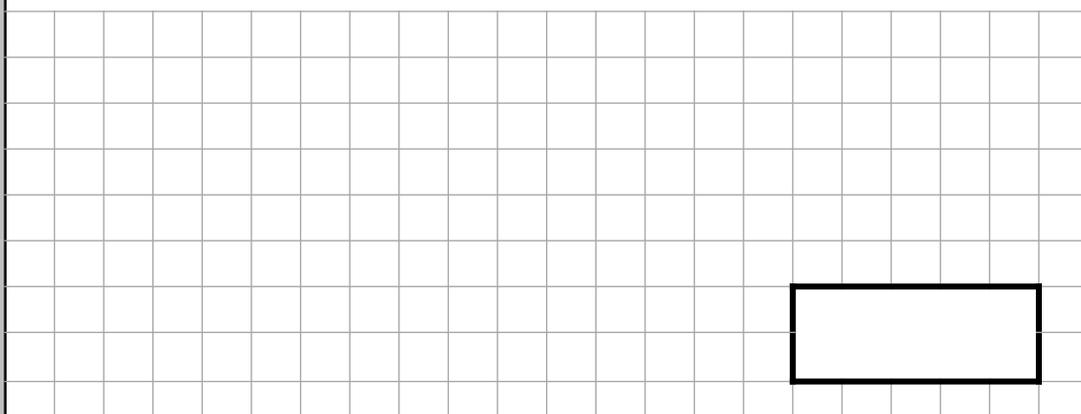
22

$32 \div 1 =$

1 mark

23

☐ $+ 225 = 1{,}000$

1 mark

24

☐ $\times 3 = 33$

1 mark

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Year 4 – Set 6 – Test 6 – Page 8

25

650 + 4,545 =

1 mark

26

☐ − 800 = 400

1 mark

27

1,984 − 90 =

1 mark

28

$55 \div 100 =$

1 mark

29

[   ] $+ 565 = 1{,}250$

1 mark

30

$3{,}500 - 690 =$

1 mark

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Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	3N2b	16	3F1b
2	4N2b	17	4C7
3	4F9	18	4C9
4	4C2	19	4C6b
5	4C2	20	4C2
6	3F1b	21	4F8
7	4C6b	22	4C6b
8	4C2	23	3C4
9	4F8	24	3C8
10	4C6a	25	4C2
11	4F4	26	3C4
12	4C6a	27	3C1
13	4C7	28	4F9
14	4C6a	29	3C4
15	4N2b	30	4C2

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	995	1m	
2	1,225	1m	
3	0.35	1m	
4	6,825	1m	
5	1,969	1m	
6	150	1m	
7	95	1m	
8	1,055	1m	
9	59.5	1m	
10	8	1m	
11	$\frac{7}{5}$ or $1\frac{2}{5}$	1m	Accept equivalent fractions.
12	120	1m	
13	920	1m	
14	7	1m	
15	8,950	1m	
16	40	1m	
17	1,935	1m	
18	2	1m	
19	36	1m	
20	3,629	1m	
21	90.5	1m	
22	32	1m	
23	775	1m	
24	11	1m	
25	5,195	1m	
26	1,200	1m	
27	1,894	1m	

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Year 4 – Set 6 – Test 6 ANSWERS

Mark scheme

Qu.	Requirement	Mark	Additional guidance
28	0.55	1m	
29	685	1m	
30	2,810	1m	

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Year 4 – Set 6 – Test 6 ANSWERS