

About this Resource:

A set of 6 arithmetic tests for Year 4 Summer 1, 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 \times 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 \[for example, \$\frac{5}{7} + \frac{1}{7} = \frac{6}{7}\$ \]](#)

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](#)

More [Arithmetic](#) Resources.

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Year 4 – Set 5 – Teaching Information

Differentiation:

Beginner Multiplying by 12. Dividing 2-digit and 1-digit numbers by 10. 27 questions. Aimed at Year 4 Expected (week 25).

Easy Multiplying by 12. Dividing 2-digit and 1-digit numbers by 10. Multiplying 3-digit numbers by 1-digit numbers. Multiplying 2-digit numbers by 100. 27 questions. Aimed at Year 4 Expected (week 26).

Tricky Multiplying by 12. Dividing 2-digit and 1-digit numbers by 10. Multiplying 3-digit numbers by 1-digit numbers. Multiplying 2-digit numbers by 100. Dividing 2-digit numbers by 100. Whole numbers add decimal numbers. Multiplying 3 1-digit numbers. 27 questions. Aimed at Year 4 Expected (week 27).

Expert Multiplying and dividing by 12. Dividing 2-digit and 1-digit numbers by 10. Multiplying 3-digit numbers by 1-digit numbers. Multiplying 2-digit numbers by 100. Dividing 2-digit numbers by 100. Whole numbers add and subtract decimal numbers. Multiplying 3 1-digit numbers. 30 questions. 27 questions. Aimed at Year 4 Expected (week 28).

Brainbox Multiplying and dividing by 12. Dividing 2-digit and 1-digit numbers by 10. Multiplying 3-digit numbers by 1-digit numbers. Multiplying 2-digit numbers by 100. Dividing 2-digit and 1-digit numbers by 100. Whole numbers add and subtract decimal numbers. Multiplying 3 1-digit numbers. 30 questions. 30 questions. Aimed at Year 4 Expected (week 29).

Genius Covering all Year 4 arithmetic type questions. 30 questions. Aimed at Year 4 Expected (week 30).

More [Arithmetic](#) Resources.

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1

$3 \times 10 =$



1 mark

2

$65 + 90 =$



1 mark

3

$4 \times 12 =$



1 mark

4

$$5,916 + 100 =$$



1 mark

5

$$3,246 - 396 =$$



1 mark

6

$$4 \times 10 =$$



1 mark

7

$$\frac{5}{12} + \frac{2}{12} =$$



1 mark

8

$$\boxed{} + 350 = 700$$



1 mark

9

$$3,216 - 1,472 =$$



1 mark

10

$$3 \times 12 =$$



1 mark

11

$$63 \times 6 =$$



1 mark

12

$$9 \times 7 =$$



1 mark

13

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



1 mark

14

$$100 - \boxed{} = 45$$



1 mark

15

$$12 \times 10 =$$



1 mark

16

$5,432 + 600 =$



1 mark

17

$7,961 - 1,420 =$



1 mark

18

$9 \times 1 =$



1 mark

19

$$49 \div 7 =$$



1 mark

20

$$700 + 1,500 =$$



1 mark

21

$$\boxed{} \times 6 = 42$$



1 mark

22

$$9,102 - 3,476 =$$



1 mark

23

$$650 + 1,350 =$$



1 mark

24

$$47 \div 10 =$$



1 mark

25

$$74 + 946 =$$



1 mark

26

$$374 - 159 =$$



1 mark

27

$$6 \div 10 =$$



1 mark

Arithmetic – Set 5 – Test 1

Content domain coverage

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

Arithmetic – Set 5 – Test 1

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	30	1m	
2	155	1m	
3	48	1m	
4	6,016	1m	
5	2,850	1m	
6	40	1m	
7	$\frac{7}{12}$	1m	Accept equivalent fractions.
8	350	1m	
9	1,744	1m	
10	36	1m	
11	378	1m	
12	63	1m	
13	$\frac{5}{5}$ or 1	1m	Accept equivalent fractions.
14	55	1m	
15	120	1m	
16	6,032	1m	
17	6,541	1m	
18	9	1m	
19	7	1m	
20	2,200	1m	
21	7	1m	
22	5,626	1m	
23	2,000	1m	
24	4.7	1m	
25	1,020	1m	
26	215	1m	
27	0.6	1m	

1

$$976 - 80 =$$



1 mark

2

$$421 + 150 =$$



1 mark

3

$$36 + 1,000 =$$



1 mark

4

$$6,432 - 200 =$$



1 mark

5

$$647 + 9 =$$



1 mark

6

$$6 \times 12 =$$



1 mark

7

$$72 \div 8 =$$



1 mark

8

$$14 \times 10 =$$



1 mark

9

$$5,642 - 789 =$$



1 mark

10

$$346 \times 2 =$$



1 mark

11

$$4,250 - 700 =$$



1 mark

12

$$4,309 + 24 =$$



1 mark

13

$$7 + 8.9 =$$



1 mark

14

$$12 \times 100 =$$



1 mark

15

$$\frac{13}{7} - \frac{6}{7} =$$



1 mark

16

$$5 \times 12 =$$



1 mark

17

$$\frac{1}{5} \text{ of } 75 =$$



1 mark

18

$$600 + 400 =$$



1 mark

19

$$296 - 95 =$$



1 mark

20

$$25 \times 2 =$$



1 mark

21

$$12 + 4.2 =$$



1 mark

22

$$\boxed{} + 130 = 380$$



1 mark

23

$$741 \times 4 =$$



1 mark

24

$$95 - \boxed{} = 45$$



1 mark

25

$$1,423 + 89 =$$



1 mark

26

$$975 - 145 =$$



1 mark

27

$$3,000 - 1,525 =$$



1 mark

Arithmetic – Set 5 – Test 2

Content domain coverage

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

Arithmetic – Set 5 – Test 2

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	896	1m	
2	571	1m	
3	1,036	1m	
4	6,232	1m	
5	656	1m	
6	72	1m	
7	9	1m	
8	140	1m	
9	4,853	1m	
10	692	1m	
11	3,550	1m	
12	4,333	1m	
13	15.9	1m	
14	1,200	1m	
15	$\frac{7}{7}$ or 1	1m	Accept equivalent fractions.
16	60	1m	
17	15	1m	
18	1,000	1m	
19	201	1m	
20	50	1m	
21	16.2	1m	
22	250	1m	
23	2,964	1m	
24	50	1m	
25	1,512	1m	
26	830	1m	
27	1,475	1m	

1

$$155 + 1,000 =$$



1 mark

2

$$789 - 350 =$$



1 mark

3

$$413 \times 3 =$$



1 mark

4

$$895 - 100 =$$



1 mark

5

$$4 + 1.2 =$$



1 mark

6

$$24 \div 6 =$$



1 mark

7

$$5 \times 25 =$$



1 mark

8

$$4 \times 7 =$$



1 mark

9

$$17 \times 100 =$$



1 mark

10

$$\frac{9}{11} - \frac{3}{11} =$$



1 mark

11

$$5,427 + 3,819 =$$



1 mark

12

$$7 \times 12 =$$



1 mark

13

$$6 \times 6 \times 4 =$$



1 mark

14

$$55 \div 100 =$$



1 mark

15

$$6,543 - 5,427 =$$



1 mark

16

$$7 + 7.9 =$$



1 mark

17

$$85 \div 100 =$$



1 mark

18

$$2 \times 12 =$$



1 mark

19

$$\boxed{} + 550 = 1,050$$



1 mark

20

$$3 \times 4 \times 5 =$$



1 mark

21

$$695 + 1,500 =$$



1 mark

22

$$4,000 - 1,975 =$$



1 mark

23

$$535 \times 5 =$$



1 mark

24

$$33 \div 11 =$$



1 mark

25

$$\boxed{} - 275 = 225$$



1 mark

26

$$8,900 + 865 =$$



1 mark

27

$$6,894 - 916 =$$



1 mark

Arithmetic – Set 5 – Test 3

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	4N2b	15	4C2
2	3C2	16	4F8
3	4C7	17	4F9
4	3N2b	18	4C6a
5	4F8	19	3C4
6	4C6a	20	4C6b
7	4N1	21	4C2
8	4C6a	22	4C2
9	3N1b	23	4C7
10	4F4	24	4C6a
11	4C2	25	3C4
12	4C6a	26	4C2
13	4C6b	27	4C2
14	4F9		

Arithmetic – Set 5 – Test 3

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	1,155	1m	
2	439	1m	
3	1,239	1m	
4	795	1m	
5	5.2	1m	
6	4	1m	
7	125	1m	
8	28	1m	
9	1,700	1m	
10	$\frac{6}{11}$	1m	Accept equivalent fractions
11	9,246	1m	
12	84	1m	
13	144	1m	
14	0.55	1m	
15	1,116	1m	
16	14.9	1m	
17	0.85	1m	
18	24	1m	
19	500	1m	
20	60	1m	
21	2,195	1m	
22	2,025	1m	
23	2,675	1m	
24	3	1m	
25	500	1m	
26	9,765	1m	
27	5,978	1m	

1

$$896 + 9 =$$



1 mark

2

$$24 \div 12 =$$



1 mark

3

$$44 \times 1 =$$



1 mark

4

$$947 - 65 =$$

--

1 mark

5

$$16 - 3.5 =$$

--

1 mark

6

$$6 \times 5 \times 3 =$$

--

1 mark

7

$$8,136 - 6,428 =$$



1 mark

8

$$8 \times 12 =$$



1 mark

9

$$96 \div 100 =$$



1 mark

10

$$\frac{1}{5} \text{ of } 45 =$$



1 mark

11

$$842 \times 7 =$$



1 mark

12

$$\frac{14}{12} - \frac{6}{12} =$$



1 mark

13

$$7 \times 2 \times 2 =$$



1 mark

14

$$37 \div 100 =$$



1 mark

15

$$6 \times 8 =$$



1 mark

16

$$61 \times 5 =$$



1 mark

17

$$36 \div 12 =$$



1 mark

18

$$17 + 5.6 =$$



1 mark

19

$$20 - 3.7 =$$



1 mark

20

$$48 \div 12 =$$



1 mark

21

$$4,896 + 2,135 =$$



1 mark

22

$$625 \times 6 =$$



1 mark

23

$$7,461 - 1,000 =$$



1 mark

24

$$650 + \boxed{} = 1,000$$



1 mark

25

$$26 + 3.7 =$$



1 mark

26

$$4 \times 3 \times 4 =$$



1 mark

27

$$\boxed{} \times 7 = 49$$



1 mark

28

$$896 - \boxed{} = 450$$



1 mark

29

$$60 \div 5 =$$



1 mark

30

$$4,932 - 896 =$$



1 mark

Arithmetic – Set 5 – Test 4

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	3C2	16	4C7
2	4C6a	17	4C6a
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	4C6a	30	4C2

Arithmetic – Set 5 – Test 4

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	905	1m	
2	2	1m	
3	44	1m	
4	882	1m	
5	12.5	1m	
6	90	1m	
7	1,708	1m	
8	96	1m	
9	0.96	1m	
10	9	1m	
11	5,894	1m	
12	$\frac{8}{12}$	1m	Accept equivalent fractions.
13	28	1m	
14	0.37	1m	
15	48	1m	
16	305	1m	
17	3	1m	
18	22.6	1m	
19	16.3	1m	
20	4	1m	
21	7,031	1m	
22	3,750	1m	
23	6,461	1m	
24	350	1m	
25	29.7	1m	
26	48	1m	
27	7	1m	

Arithmetic – Set 5 – Test 4

Mark scheme

Qu.	Requirement	Mark	Additional guidance
28	446	1m	
29	12	1m	
30	4,036	1m	

1

$$3,750 + 250 =$$



1 mark

2

$$650 - 350 =$$



1 mark

3

$$5 \times 5 \times 2 =$$



1 mark

4

$$72 \div 12 =$$



1 mark

5

$$4,732 + 896 =$$



1 mark

6

$$8 \div 100 =$$



1 mark

7

$$47 \div 100 =$$



1 mark

8

$$6,543 - 3,210 =$$



1 mark

9

$$9 \times 6 =$$



1 mark

10

$$9 \times 12 =$$



1 mark

11

$$60 \div 12 =$$



1 mark

12

$$24 - 4.2 =$$



1 mark

13

$$11 \times 12 =$$



1 mark

14

$$47 + 3,519 =$$



1 mark

15

$$71 \div 100 =$$



1 mark

16

$$36 + 1,000 =$$



1 mark

17

$$72 \times 0 =$$



1 mark

18

$$\boxed{} - 420 = 800$$



1 mark

19

$$9 \div 100 =$$



1 mark

20

$$346 \times 7 =$$



1 mark

21

$$\frac{2}{3} \text{ of } 99 =$$



1 mark

22

$$8 \times 2 \times 3 =$$



1 mark

23

$$\boxed{} + 615 = 850$$



1 mark

24

$$81 - 1.5 =$$



1 mark

25

$$3,421 + 6,497 =$$



1 mark

26

$$\boxed{} \times 11 = 77$$



1 mark

27

$$30 \div 2 =$$



1 mark

28

$$8,196 - 4,370$$



1 mark

29

$$\boxed{} + 2,150 = 5,000$$



1 mark

30

$$\frac{8}{15} - \frac{2}{15} =$$



1 mark

Arithmetic – Set 5 – Test 5

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

Arithmetic – Set 5 – Test 5

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	4,000	1m	
2	300	1m	
3	50	1m	
4	6	1m	
5	5,628	1m	
6	0.08	1m	
7	0.47	1m	
8	3,333	1m	
9	54	1m	
10	108	1m	
11	5	1m	
12	19.8	1m	
13	132	1m	
14	3,566	1m	
15	0.71	1m	
16	1,036	1m	
17	0	1m	
18	1,220	1m	
19	0.09	1m	
20	2,422	1m	
21	66	1m	
22	48	1m	
23	235	1m	
24	79.5	1m	
25	9,918	1m	
26	7	1m	
27	15	1m	

Arithmetic – Set 5 – Test 5

Mark scheme

Qu.	Requirement	Mark	Additional guidance
28	3,826	1m	
29	2,850	1m	
30	$\frac{6}{15}$	1m	Accept equivalent fractions

1

$$2,111 - 10 =$$



1 mark

2

$$3,495 + 1,000 =$$



1 mark

3

$$6 \div 100 =$$



1 mark

4

$$4,625 + 3,111 =$$



1 mark

5

$$1,899 - 987 =$$



1 mark

6

$$\frac{3}{4} \text{ of } 200 =$$



1 mark

7

$$45 \times 1 =$$



1 mark

8

$$74 + 985 =$$



1 mark

9

$$56 - 4.5 =$$



1 mark

10

$$96 \div 12 =$$



1 mark

11

$$\frac{4}{7} + \frac{4}{7} =$$



1 mark

12

$$12 \times 12 =$$



1 mark

13

$$360 \times 5 =$$



1 mark

14

$$108 \div 12 =$$



1 mark

15

$$1,011 - 1,000 =$$



1 mark

16

$$\frac{2}{3} \text{ of } 15 =$$



1 mark

17

$$264 \times 8 =$$



1 mark

18

$$160 \div 100 =$$



1 mark

19

$$7 \times 3 \times 2 =$$



1 mark

20

$$4,080 + 2,240$$



1 mark

21

$$65 - 3.1 =$$



1 mark

22

$$95 \div 1 =$$



1 mark

23

$$\boxed{} + 975 = 1,010$$



1 mark

24

$$\boxed{} \times 5 = 35$$



1 mark

25

$$810 + 4,970 =$$



1 mark

26

$$\boxed{} - 300 = 150$$



1 mark

27

$$659 - 70 =$$



1 mark

28

$$5 \div 100 =$$



1 mark

29

$$\boxed{} + 705 = 1,840$$



1 mark

30

$$8,196 - 395 =$$



1 mark

Arithmetic – Set 5 – Test 6

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

Arithmetic – Set 5 – Test 6

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	2,101	1m	
2	4,495	1m	
3	0.06	1m	
4	7,736	1m	
5	912	1m	
6	150	1m	
7	45	1m	
8	1,059	1m	
9	51.5	1m	
10	8	1m	
11	$\frac{8}{7}$ or $1\frac{1}{7}$	1m	Accept equivalent fractions.
12	144	1m	
13	1,800	1m	
14	9	1m	
15	11	1m	
16	10	1m	
17	2,112	1m	
18	1.6	1m	
19	42	1m	
20	6,320	1m	
21	61.9	1m	
22	95	1m	
23	35	1m	
24	7	1m	
25	5,780	1m	
26	450	1m	
27	589	1m	

Mark scheme

Qu.	Requirement	Mark	Additional guidance
28	0.05	1m	
29	1,135	1m	
30	7,801	1m	