

About this Resource:

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

National Curriculum Objectives:

- Mathematics Year 1: (1C1) [Add and subtract one-digit and two-digit numbers to 20, including zero](#)
- Mathematics Year 1: (1N2b) [Given a number, identify one more and one less](#)
- Mathematics Year 1: (1F1a) [Recognise, find and name a half as one of two equal parts of an object, shape or quantity](#)
- Mathematics Year 1: (1F1a) [Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity](#)
- Mathematics Year 2: (2C6) [Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers](#)
- Mathematics Year 2: (2C2a) [Add and subtract numbers using concrete objects, pictorial representations, and mentally for a two-digit number and ones](#)
- Mathematics Year 2: (2C2a) [Add and subtract numbers using concrete objects, pictorial representations, and mentally for a two-digit number and tens](#)
- Mathematics Year 2: (2C2a) [Add and subtract numbers using concrete objects, pictorial representations, and mentally for two two-digit numbers](#)
- Mathematics Year 2: (2C4) [Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems](#)
- Mathematics Year 2: (2C1) [Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100](#)
- Mathematics Year 2: (2F1a) [Recognise, find, name and write fractions \$\frac{1}{3}\$, \$\frac{1}{4}\$, \$\frac{2}{4}\$ and \$\frac{3}{4}\$ of a length, shape, set of objects or quantity](#)

More [Arithmetic](#) Resources.

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

Differentiation:

Beginner Multiplying by 5. Finding a quarter and a half of a number up to 100. 18 questions. Aimed at Year 2 Expected (week 19).

Easy Multiplying by 5. Finding a quarter, a half, a third and three-quarters of a number up to 100. 18 questions. Aimed at Year 2 Expected (week 20).

Tricky Multiplying and dividing by 5. Finding a quarter, a half, a third and three-quarters of a number up to 100. Add any 2-digit number. 21 questions. Aimed at Year 2 Expected (week 21).

Expert Multiplying and dividing by 5. Finding a quarter, a half, a third and three-quarters of a number up to 100. Add any 2-digit number. Add 3 multiples of 10. 21 questions. Aimed at Year 2 Expected (week 22).

Brainbox Multiplying and dividing by 5. Finding a quarter, a half, a third, two-thirds and three-quarters of a number up to 100. Add any 2-digit number. Add 3 multiples of 10. Subtract any 2-digit number. 24 questions. Aimed at Year 2 Expected (week 23).

Genius Multiplying and dividing by 5. Finding a quarter, a half, a third, two-thirds and three-quarters of a number up to 100. Add any 2-digit number. Add 3 multiples of 10. Subtract any 2-digit number. Solve question including missing answer first. 24 questions. Aimed at Year 2 Expected (week 24).

Arithmetic – Set 4 – Test 1

1

$6 + 4 =$



1 mark

2

$7 +$

$= 13$



1 mark

3

$21 - 1 =$



1 mark

4

$14 - \square = 9$



1 mark

5

$5 \times 2 = \square$



1 mark

6

$27 - 10 = \square$



1 mark

7

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



1 mark

8

$$37 - 30 =$$



1 mark

9

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



1 mark

10

$10 \times 5 =$



1 mark

11

$98 + 6 =$



1 mark

12

$65 + 35 =$



1 mark

13

$$\frac{1}{4} \text{ of } 20 =$$



1 mark

14

$$12 +$$

$$= 26$$



1 mark

15

$$10 \div 2 =$$



1 mark

16

$72 - 8 =$



1 mark

17

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



1 mark

18

$46 + 9 =$



1 mark

Arithmetic – Set 4 – Test 1

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	1C1	10	2C6
2	2C4	11	2C2a
3	1N2b	12	2C1
4	2C4	13	1F1b/2F1a
5	2C6	14	2C4
6	2C2a	15	2C6
7	1F1a	16	2C2a
8	2C2a	17	1F1b/2F1a
9	1F1a/2F1a	18	2C2a

Arithmetic – Set 4 – Test 1

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	10	1m	
2	6	1m	
3	20	1m	
4	5	1m	
5	10	1m	
6	17	1m	
7	15	1m	
8	7	1m	
9	8	1m	
10	50	1m	
11	104	1m	
12	100	1m	
13	5	1m	
14	14	1m	
15	5	1m	
16	64	1m	
17	3	1m	
18	55	1m	

Arithmetic – Set 4 – Test 2

1

$17 - 1 =$



1 mark

2

$12 + 18 =$



1 mark

3

$5 \times 5 =$



1 mark

4

$$35 - \boxed{} = 25$$



1 mark

5

$$\frac{1}{3} \text{ of } 12 = \boxed{}$$



1 mark

6

$$13 + 7 = \boxed{}$$



1 mark

7

$60 + 40 =$



1 mark

8

$2 \times 11 =$



1 mark

9

$58 - 3 =$



1 mark

10

$10 \times 5 =$



1 mark

11

$\frac{3}{4}$ of 40 =



1 mark

12

$18 \div 2 =$



1 mark

13

$36 + 20 =$



1 mark

14

$5 \times 3 =$



1 mark

15

$\frac{1}{2}$ of 24 =



1 mark

16

$37 + 8 =$



1 mark

17

$\frac{1}{3}$ of 9 =



1 mark

18

$20 \div 5 =$



1 mark

Arithmetic – Set 4 – Test 2

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	1N2b	10	2C6
2	2C2a	11	2F1a
3	2C6	12	2C6
4	2C4	13	2C2a
5	2F1a	14	2C6
6	1C1	15	1F1a/2F1a
7	2C1	16	2C2a
8	2C6	17	2F1a
9	2C2a	18	2C6

Arithmetic – Set 4 – Test 2

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	16	1m	
2	30	1m	
3	25	1m	
4	10	1m	
5	4	1m	
6	20	1m	
7	100	1m	
8	22	1m	
9	55	1m	
10	50	1m	
11	30	1m	
12	9	1m	
13	56	1m	
14	15	1m	
15	12	1m	
16	45	1m	
17	3	1m	
18	4	1m	

1

$7 \times 2 =$



1 mark

2

$10 \times 7 =$



1 mark

3

$20 - 1 =$



1 mark

4

$18 + \boxed{} = 28$



1 mark

5

$5 + 5 = \boxed{}$



1 mark

6

$25 - \boxed{} = 20$



1 mark

7

$30 \div 5 =$



1 mark

8

$25 + 18 =$



1 mark

9

$32 - 4 =$



1 mark

10

$34 + 1 =$



1 mark

11

$36 + 22 =$



1 mark

12

$4 + 17 =$



1 mark

13

$25 \div 5 =$



1 mark

14

$5 \times 1 =$



1 mark

15

$\frac{3}{4}$ of 20 =



1 mark

16

$9 - 6 =$



1 mark

17

$\frac{1}{2}$ of 40 =



1 mark

18

$7 + 3 + 5 =$



1 mark

19

$31 - 20 =$



1 mark

20

$\frac{1}{3}$ of 30 =



1 mark

21

$20 \div 2 =$



1 mark

Arithmetic – Set 4 – Test 3

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	2C6	12	2C2a
2	2C6	13	2C6
3	1N2b	14	2C6
4	2C4	15	2F1a
5	1C1	16	2C2a
6	2C4	17	1F1a/2F1a
7	2C6	18	2C2a
8	2C2a	19	2C2a
9	2C2a	20	2F1a
10	1N2b	21	2C6
11	2C2a		

Arithmetic – Set 4 – Test 3

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	14	1m	
2	70	1m	
3	19	1m	
4	10	1m	
5	10	1m	
6	5	1m	
7	6	1m	
8	43	1m	
9	28	1m	
10	35	1m	
11	58	1m	
12	21	1m	
13	5	1m	
14	5	1m	
15	15	1m	
16	3	1m	
17	20	1m	
18	15	1m	
19	11	1m	
20	10	1m	
21	10	1m	

Arithmetic – Set 4 – Test 4

1

$2 \times 4 =$



1 mark

2

$42 + 12 =$



1 mark

3

$72 - 4 =$



1 mark

4

$48 + 1 =$



1 mark

5

$18 +$

$= 36$



1 mark

6

$5 \times 4 =$



1 mark

7

$20 + 20 + 10 =$



1 mark

8

$40 -$

$= 30$



1 mark

9

$6 + 24 =$



1 mark

10

$11 + 9 =$



1 mark

11

$75 + 25 =$



1 mark

12

$30 + 20 + 10 =$



1 mark

13

$14 \div 2 =$



1 mark

14

$6 + 8 + 9 =$



1 mark

15

$20 - 15 =$



1 mark

16

$40 \div 5 =$



1 mark

17

$\frac{1}{4}$ of 80 =



1 mark

18

$4 \times 10 =$



1 mark

19

$$\frac{1}{3} \text{ of } 15 =$$



1 mark

20

$$35 \div 5 =$$



1 mark

21

$$6 \times 5 =$$



1 mark

Arithmetic – Set 4 – Test 4

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	2C6	12	2C1
2	2C2a	13	2C6
3	2C2a	14	2C2a
4	1N2b	15	2C2a
5	2C4	16	2C6
6	2C6	17	1F1b/2F1a
7	2C1	18	2C6
8	2C4	19	2F1a
9	2C2a	20	2C6
10	1C1	21	2C6
11	2C1		

Arithmetic – Set 4 – Test 4

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	8	1m	
2	54	1m	
3	68	1m	
4	49	1m	
5	18	1m	
6	20	1m	
7	50	1m	
8	10	1m	
9	30	1m	
10	20	1m	
11	100	1m	
12	60	1m	
13	7	1m	
14	23	1m	
15	5	1m	
16	8	1m	
17	20	1m	
18	40	1m	
19	5	1m	
20	7	1m	
21	30	1m	

Arithmetic – Set 4 – Test 5

1

$9 \times 5 =$



1 mark

2

$28 - 1 =$



1 mark

3

$26 + 10 =$



1 mark

4

$$37 - \boxed{} = 17$$



1 mark

5

$$16 + 4 = \boxed{}$$



1 mark

6

$$24 + 30 = \boxed{}$$



1 mark

7

$10 \times 9 =$



1 mark

8

$46 - 23 =$



1 mark

9

$\frac{2}{3}$ of 12 =



1 mark

10

$50 \div 10 =$



1 mark

11

$20 + 20 + 20 =$



1 mark

12

$5 \times 6 =$



1 mark

13

$38 - 12 =$



1 mark

14

$10 \div 5 =$



1 mark

15

$7 + 7 + 8 =$



1 mark

16

$22 + \boxed{} = 40$



1 mark

17

$\frac{1}{2} \text{ of } 60 = \boxed{}$



1 mark

18

$85 + 15 = \boxed{}$



1 mark

19

$54 - 13 =$



1 mark

20

$46 - 24 =$



1 mark

21

$\frac{2}{3}$ of 9 =



1 mark

22

$80 \div 10 =$



1 mark

23

$10 + 40 + 20 =$



1 mark

24

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



1 mark

Arithmetic – Set 4 – Test 5

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	2C6	13	2C2a
2	1N2b	14	2C6
3	2C2a	15	2C2a
4	2C4	16	2C4
5	1C1	17	1F1a/2F1a
6	2C2a	18	2C1
7	2C6	19	2C2a
8	2C2a	20	2C2a
9	2F1a	21	2F1a
10	2C6	22	2C6
11	2C1	23	2C1
12	2C6	24	2F1a

Arithmetic – Set 4 – Test 5

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	45	1m	
2	27	1m	
3	36	1m	
4	20	1m	
5	20	1m	
6	54	1m	
7	90	1m	
8	23	1m	
9	8	1m	
10	5	1m	
11	60	1m	
12	30	1m	
13	26	1m	
14	2	1m	
15	22	1m	
16	18	1m	
17	30	1m	
18	100	1m	
19	41	1m	
20	22	1m	
21	6	1m	
22	8	1m	
23	70	1m	
24	21	1m	

1

$4 \times 5 =$



1 mark

2

$6 + 5 + 4 =$



1 mark

3

$60 \div 10 =$



1 mark

4

$2 \times 6 =$



1 mark

5

$45 + 1 =$



1 mark

6

$47 - 36 =$



1 mark

7

$$- 25 = 40$$



1 mark

8

$$10 - 7 =$$



1 mark

9

$$= 42 - 13$$



1 mark

10

$65 - 25 =$



1 mark

11

$10 \div 2 =$



1 mark

12

$40 + 10 + 10 =$



1 mark

13

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



1 mark

14

$$= 27 + 18$$



1 mark

15

$$17 + 13 =$$



1 mark

16

$11 \times 5 =$



1 mark

17

$\square - 13 = 18$



1 mark

18

$55 + 45 =$



1 mark

19

$$\frac{2}{3} \text{ of } 21 =$$



1 mark

20

$$26 - 9 =$$



1 mark

21

$$50 \div 5 =$$



1 mark

22

$$\frac{1}{4} \text{ of } 28 =$$



1 mark

23

$$= 65 - 35$$



1 mark

24

$$7 + 9 + 9 =$$



1 mark

Arithmetic – Set 4 – Test 6

Content domain coverage

Question	Content domain reference	Question	Content domain reference
1	2C6	13	2F1a
2	2C2a	14	2C2a
3	2C6	15	2C2a
4	2C6	16	2C6
5	1N2b	17	2C4
6	2C2a	18	2C1
7	2C4	19	2F1a
8	1C1	20	2C2a
9	2C2a	21	2C6
10	2C2a	22	1F1b/2F1a
11	2C6	23	2C2a
12	2C1	24	2C2a

Arithmetic – Set 4 – Test 6

Mark scheme

Qu.	Requirement	Mark	Additional guidance
1	20	1m	
2	15	1m	
3	6	1m	
4	12	1m	
5	46	1m	
6	11	1m	
7	65	1m	
8	3	1m	
9	29	1m	
10	40	1m	
11	5	1m	
12	60	1m	
13	12	1m	
14	45	1m	
15	30	1m	
16	55	1m	
17	31	1m	
18	100	1m	
19	14	1m	
20	17	1m	
21	10	1m	
22	7	1m	
23	30	1m	
24	25	1m	