

Year 5

Mathematics

Arithmetic: Test 1

Name	Sample
Date	July 2026



32

total marks

1

$457 + 100 =$

Ideally, mentally.

$$\begin{array}{r} 457 + \\ 100 \\ \hline 557 \end{array}$$

557

1 mark

2

$164 - 80 =$

$$\begin{array}{r} 0 \quad 1 \\ \cancel{1} 64 - \\ 80 \\ \hline 84 \end{array}$$

84

1 mark

3

$88 \div 4 =$

$$\begin{array}{r} 22 \\ 4 \overline{) 88} \end{array}$$

1 mark

Total for this page

Same denominator

4

$$\frac{1}{7} + \frac{5}{7} =$$

$$\frac{1}{7} + \frac{5}{7} = \frac{6}{7}$$

$$\frac{6}{7}$$

1 mark

Same denominator

5

$$\frac{7}{8} - \frac{3}{8} =$$

$$\frac{7}{8} - \frac{3}{8} = \frac{4}{8}$$

$$\frac{4}{8} \text{ or } \frac{1}{2}$$

1 mark

6

$$4527 + 3298 =$$

$$\begin{array}{r} 4527 \\ + 3298 \\ \hline 7825 \end{array}$$

$$7825$$

1 mark

Total for
this page

7

$$6173 - 366 =$$

5			6		
4	1		7	3	-

	3	6	6
5	8	0	7

5 8 0 7

1 mark

8

$6 \times 7 =$

42

1 mark

9

$$5 \times 7 \times 3 =$$

multiply two numbers first.

It doesn't matter which

$5 \times 7 = 35$

1		
3	5	x
	3	

1	0	5
---	---	---

105

1 mark

Total for
this page

13

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

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

5

1 mark

14

$82\,675 + 5278 =$

$$\begin{array}{r} 11 \\ 82675 \\ + 5278 \\ \hline 87953 \end{array}$$

87953

1 mark

15

$50\,000 - 600 =$

I clearly, mentally

$$\begin{array}{r} 49\,400 \\ - 600 \\ \hline 49\,400 \end{array}$$

49,400

1 mark

Total for
this page

10

$462 \times 8 =$

$$\begin{array}{r}
 4 \quad 1 \\
 462 \times 8 \\
 \hline
 3696
 \end{array}$$

3 6 9 6

1 mark

11

$3.4 + 0.9 =$

$$\begin{array}{r}
 1 \\
 3.4 + \\
 0.9 \\
 \hline
 4.3
 \end{array}$$

4.3

1 mark

12

$45 \div 10 =$

Move digits once to the right

$$\begin{array}{r}
 45. \\
 \rightarrow \\
 4.5
 \end{array}$$

4.5

1 mark

Total for this page

16

$826\,775 - 83\,592 =$

$$\begin{array}{r} 7 6 1 \\ \cancel{8} 2 6 \cancel{7} 7 5 - \\ \underline{83\,592} \\ 743\,183 \end{array}$$

743,183

1 mark

17

7^2

'seven squared' = 7×7

$7 \times 7 = 49$

49

1 mark

18

$70 \times 6 =$

Ideally, mentally

$7 \times 6 = 42$

$70 \times 6 = 420$

420

1 mark

Total for
this page

19

$720 \div 9 =$

Ideally, mentally

$12 \div 9 = 8$

$720 \div 9 = 80$

$$\begin{array}{r} 80 \\ 9 \overline{) 720} \\ \underline{72} \\ 0 \end{array}$$

80

1 mark

20

$1.2 \times 1000 =$

Move digits left 3 times.

$$\begin{array}{c} \curvearrowleft \\ 1.2 \end{array}$$

12.0

120.0

1200.0

1200

1 mark

21

$\frac{3}{4} + \frac{1}{8} =$

$\frac{6}{8} + \frac{1}{8} = \frac{7}{8}$

Change to eighths.

$\frac{3}{4} = \frac{6}{8}$

 $\frac{7}{8}$

1 mark

Different denominators

Total for this page

22

$$\frac{7}{10} - \frac{1}{5} =$$

Change to tenths

$$\frac{7}{10} - \frac{2}{10} = \frac{5}{10}$$

$$\frac{1}{5} = \frac{2}{10}$$

$$\frac{5}{10} \text{ or } \frac{1}{2}$$

1 mark

23

$$\frac{1}{2} \times 6 =$$

'of'

$$\frac{1}{2} \times 6 = \frac{1}{2} \text{ of } 6$$

3

1 mark

24

$$5.6 + 1.57 =$$

$$\begin{array}{r} 1 \\ 5.6 + \\ 1.57 \\ \hline 7.17 \end{array}$$

7.17

1 mark

Total for this page

25

$728 \times 15 =$

		1	4	
	7	2	8	x
		1	1	5
	3	6	4	0
	7	2	8	0
1	0	9	2	0

10,920

2 marks

26

$$5735 \times 26 =$$

		4	2	3			
		5	7	3	5		x
				2	6		
	3	4	4	1	0		
1	1	4	7	0	0		
1	4	9	1	1	0		

149,110

2 marks

27

$396 \div 6 =$

$$\begin{array}{r} 66 \\ 6 \overline{) 396} \\ \underline{6} \\ 39 \\ \underline{42} \\ 36 \\ \underline{36} \\ 0 \end{array}$$

66

2 marks

28

$8729 \div 7 =$

$$\begin{array}{r} 1247 \\ 7 \overline{) 8729} \\ \underline{7} \\ 17 \\ \underline{14} \\ 22 \\ \underline{21} \\ 9 \end{array}$$

1247

2 marks

Total for this page

Answer Sheet: Key Stage 2: Year 5: Arithmetic Test 1



Guidance: Children will have 30 minutes for this test.

question	answer	marks
1	557	1
2	84	1
3	22	1
4	$\frac{6}{7}$	1
5	$\frac{4}{8}$ or $\frac{1}{2}$	1
6	7825	1
7	5807	1
8	42	1
9	105	1
10	3696	1
11	4.3	1
12	4.5	1
13	5	1
14	87 953	1
15	49 400	1
16	743 183	1
17	49	1
18	420	1
19	80	1
20	1200	1
21	$\frac{7}{8}$	1

question	answer	marks
22	$\frac{5}{10}$ or $\frac{1}{2}$	1
23	3	1
24	7.17	1
25	10 920	2
26	149 110	2
27	66	2
28	1247	2
		Total 32