

Year 6 Maths

Week 13 Lesson 5

Arithmetic



Arithmetic

In this lesson you will:

- have a go at a range of arithmetic questions.
- self reflect on your strengths and areas for improvement.



Arithmetic Test

Level 1

1 $330 + 40 =$



1 mark

2 $6 \times 5 =$



1 mark

3 $3924 + 5188 =$



1 mark

Level 2

1 $99 \div 100 =$



1 mark

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



1 mark

3 $1625 \times 4 =$



1 mark

Level 3

1 $396 \times 4 =$



1 mark

2 $1440 \div 120 =$



1 mark

3 $\frac{4}{7} + \frac{6}{9} =$



1 mark

Arithmetic Test

Level 1

4

$$\frac{1}{5} + \frac{3}{5} =$$



1 mark

5

$$384 - 156 =$$



1 mark

6

$$(5 - 3) + 12 =$$



1 mark

Level 2

4

$$\frac{1}{2} - \frac{1}{4} =$$



1 mark

5

$$7 \times 3 =$$



1 mark

6

$$3^2 - 3 =$$



1 mark

Level 3

4

$$832 \times 0 =$$



1 mark

5

$$6^2 \div 2^2 =$$



1 mark

6

$$13 \overline{) 2886}$$



2 mark

Arithmetic Test

Level 1

7

$20 \times 12 =$



1 mark

8

$214 \times 5 =$



1 mark

9

$78 \times 8 =$



1 mark

Level 2

7

$4362 - 589 =$



1 mark

8

$\frac{3}{q} + \frac{3}{q} =$



1 mark

9

$80 \times 1000 =$



1 mark

Level 3

7

$3476 \times 6 =$



1 mark

8

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



1 mark

9

$8.943 + 6.4 =$



1 mark

Arithmetic Test

Level 1

10 $\frac{2}{6} + \frac{3}{6} =$

1 mark

11 $19 \times 0 =$

1 mark

12 $100 \times 328 =$

1 mark

Level 2

10 $416 \div 8 =$

1 mark

11 $5^2 - (12 \times 2) =$

1 mark

12 $2528 \div 4 =$

1 mark

Level 3

10 $27 \div 3 =$

1 mark

11 $(15 \div 3) + (2 \times 3) =$

1 mark

12

$$\begin{array}{r} 4439 \\ \times \quad 28 \\ \hline \end{array}$$

2 mark

Arithmetic Test

Level 1

13 $(6 + 6) - 3 =$

1 mark

14 $9 + 500 =$

1 mark

15 $\frac{3}{7} + \frac{2}{7} =$

1 mark

Level 2

13 $\frac{2}{3} + \frac{2}{9} =$

1 mark

14 $5^3 =$

1 mark

15 $1.8 \div 100 =$

1 mark

Level 3

13 $\frac{1}{3} - \frac{1}{4} =$

1 mark

14

6 2 | 2 1 0 8

2 mark

15 $1.1 \div 1000 =$

1 mark

Arithmetic Test

Level 1

16 $79,994 + 7534 =$



1 mark

17 $872 \times 4 =$



1 mark

18 $(10 - 2) + 22 =$



1 mark

Level 2

16 $\frac{8}{6} - \frac{7}{6} =$



1 mark

17 $2619 \times 2 =$



1 mark

18 $\frac{2}{3} + \frac{1}{6} =$



1 mark

Level 3

16 $\frac{1}{4} + \frac{2}{8} =$



1 mark

17 $560 - 90 =$



1 mark

18 $87.2 \div 100 =$



1 mark

Arithmetic Test

Level 1

19

$30 \times 80 =$



1 mark

20

$7 \times 12 =$



1 mark

21

$\frac{9}{12} + \frac{1}{12} =$



1 mark

Level 2

19

$14 + (36 \div 6) =$



1 mark

20

$1.79 + 0.008 =$



1 mark

21

$\frac{10}{15} + \frac{15}{15} =$



1 mark

Level 3

19

$46,891 + 3649 =$



1 mark

20

$\frac{12}{14} - \frac{1}{3} =$



1 mark

21

$54,372 + 80$



1 mark

Arithmetic Test

Level 1

22 $7 \times 2 \times 5 =$

1 mark

23 $163 \times 8 =$

1 mark

24 $16 + (4 + 3) =$

1 mark

Level 2

22 $2532 \div 6 =$

1 mark

23 $4200 \div 70 =$

1 mark

24 $\frac{3}{12} - \frac{1}{24} =$

1 mark

Level 3

22 $34 - (2 + 8) =$

1 mark

23 $0.09 \div 1000 =$

1 mark

24 $1396 - 277 =$

1 mark

Answers

Level 1

1	370	1m
2	30	1m
3	9112	1m
4	$\frac{4}{5}$	1m
5	228	1m
6	14	1m
7	240	1m
8	1070	1m
9	624	1m
10	$\frac{5}{6}$	1m
11	0	1m

Level 2

1	0.99	1m
2	$\frac{2}{3}$	1m
3	6500	1m
4	$\frac{1}{4}$	1m
5	21	1m
6	6	1m
7	3773	1m
8	$\frac{2}{3}$	1m
9	80,000	1m
10	52	1m
11	1	1m

Level 3

1	1584
2	12
3	$1\frac{5}{21}$
4	0
5	9
6	Award TWO marks for the correct answer of 222 If the answer is incorrect, award one mark for a formal method of division with no more than ONE arithmetic error.
7	20,856
8	$3\frac{1}{2}$
9	15.343
10	9
11	11
12	Award TWO marks for the correct answer of 124,292 If the answer is incorrect, award ONE mark for a formal method of long multiplication with no more than ONE arithmetic error.
13	$\frac{1}{12}$

Answers

Level 1

12	32,800	1m
13	9	1m
14	509	1m
15	$\frac{5}{7}$	1m
16	87,528	1m
17	3488	1m
18	30	1m
19	240	1m
20	84	1m
21	$\frac{10}{12}$	1m
22	70	1m
23	1304	1m
24	23	1m

Level 2

12	632
13	$\frac{8}{9}$
14	125
15	0.018
16	$\frac{1}{6}$
17	5238
18	$\frac{5}{6}$
19	20
20	1.798
21	$1\frac{2}{3}$
22	422
23	60
24	$\frac{5}{24}$

Level 3

	Award TWO marks for the correct answer of 34
14	If the answer is incorrect, award one mark for a formal method of division with no more than ONE arithmetic error.
15	0.0011
16	$\frac{1}{2}$
17	470
18	0.872
19	50,540
20	$\frac{11}{21}$
21	54,452
22	20
23	0.00009
24	1119