

Arithmetic tests

Year 5

Autumn Term



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Test 1

- 1) 739
- 2) 144
- 3) 9.1
- 4) 57,573
- 5) 2
- 6) 4
- 7) 10,186
- 8) 7,223
- 9) 570
- 10) 1,802

Test 2

- 1) 6,536
- 2) 78
- 3) 53
- 4) 42,109
- 5) $\frac{6}{5}$
(or equivalent fraction)
- 6) -8
- 7) 1.9
- 8) 22,360
- 9) 1,450
- 10) 60,948

Test 3

- 1) $\frac{2}{8}$
(or equivalent fraction)
- 2) 26
- 3) 350
- 4) 21,400
- 5) 36.3
- 6) 1,000
- 7) 9
- 8) 60,312
- 9) 800
- 10) -7

Test 4

- 1) 10,000
- 2) 98,487
- 3) 3,200
- 4) 4.5
- 5) $\frac{9}{6}$
(or equivalent fraction)
- 6) 25.42
- 7) 30
- 8) 45,000
- 9) $\frac{1}{4}$
- 10) 182

Test 5

- 1) 10
- 2) $\frac{5}{4}$
(or equivalent fraction)
- 3) 40
- 4) 46.77
- 5) 336
- 6) 461,754
- 7) 11
- 8) 549,842
- 9) 35.27
- 10) 9

Test 6

- 1) $\frac{5}{5}$
- 2) 12
- 3) 2,900
- 4) 1,806
- 5) 38,500
- 6) 8
- 7) 462,646
- 8) 35.6
- 9) $\frac{2}{9}$
- 10) 0

Test 7

- 1) 60
- 2) 16
- 3) 10
- 4) 32,375
- 5) 365.47
- 6) $\frac{3}{4}$
- 7) $\frac{11}{15}$
- 8) 18,000
- 9) 40
- 10) 79,577

Test 8

- 1) 8
- 2) 21.8
- 3) 0.306
- 4) 24.64
- 5) 40
- 6) $\frac{2}{3}$
- 7) 24
- 8) 1,891
- 9) 115,500
- 10) -24

Test 9

- 1) $\frac{14}{3}$
(or equivalent fraction)
- 2) 1,562r3
- 3) 752
- 4) 405
- 5) $\frac{3}{8}$
- 6) 42,300
- 7) 22
- 8) 61
- 9) 637,126
- 10) 0.764

Test 10

- 1) 95,850
- 2) 28
- 3) $\frac{12}{6}$
(or equivalent fraction)
- 4) 2
- 5) $\frac{6}{4}$
(or equivalent fraction)
- 6) 5.608
- 7) 60
- 8) 422r5
- 9) 1,190
- 10) 39.65

Arithmetic Test 1

Name

1 $1295 - 556 =$

1	2	9	5				
-	5	5	6				
	7	3	9				

739

2 $36 \times 4 =$

3	6						
x		4					
	1	4	4				

144

3 $3.3 + 5.8 =$

3	.	3					
+	5	.	8				
	9	.	1				

9.1

4 $47,573 + 10,000 =$

↓

47,573

57,573

5 $-4 + 6 =$

-4		0	2				
----	--	---	---	--	--	--	--

2

6 $28 \div 7 =$

$4 \times 7 = 28$

4

7 $10,686 - 500 =$

↓⁵

10,686

10,186

8 $9,375 - 2,152 =$

9	3	7	5				
-	2	1	5	2			
	7	2	2	3			

7223

9 $57 \times 10 =$

Th	Th	H	T	O			
		5	7				
		5	7	0			

570

10 ten more than 1,792

$92 + 10 = 102$

1,802

Score

Arithmetic Test 2

Name

1 $6,476 + 60 =$

6536

2	$13 \times 6 =$
---	-----------------

78

3 $530 \div 10 =$

53

4 $45,295 - 3,186 =$

42,109

5 $\frac{2}{5} + \frac{4}{5} =$

6/5

6 $-5 - 3 =$

-8

7 $12.6 - 10.7 =$

1.9

8 + 1200 = 23,560

22,360

9 $145 \times 10 =$

1450

10 $57,275 + 3,673 =$

60,948

Score

Name

5	-	3	=	2
---	---	---	---	---

$\frac{2}{8}$

Th	Th	H	T	O
	2	6	0	0
			2	6

26

$$5 \times 7 = 35$$

$$50 \times 7 = 350$$

350

2	3	5	0	0	-	2	0	0	0
---	---	---	---	---	---	---	---	---	---

=	2	1	5	0	0
---	---	---	---	---	---

$$21500 - 100 = 21400$$

21,400

$$26.4 + 10 = 36.4$$

$$36.4 - 0.1 = 36.3$$

36.3

Th	Th	H	T	O
----	----	---	---	---

	1	0	0
1	0	0	0

1,000

8	x	9	=	7	2
---	---	---	---	---	---

9

8	4 ³	0	2	4
---	---------------------------	---	---	---

-	2	3	7	1	2
---	---	---	---	---	---

6	0	3	1	2
---	---	---	---	---

60,312

	6	9	2	7	5
--	---	---	---	---	---

-	6	9	4	7	5
---	---	---	---	---	---

0	0	8	0	0
---	---	---	---	---

800

-7

Score

[illegible]

Name

10,000

	9	4	7	3	2			
+	0	3	7	5	5			
	9	8	4	8	7			
		1						
								98,487

4	x	8	=	3	2		
40	x	8	=	3	2	0	
40	x	80	=	3	2	0	0
						3200	

Th	H	T	O	$\frac{1}{10}$		
		4	5			
			4	5		
						4
						5

4	+	5	=	9
---	---	---	---	---

9/6

28	14	8	2				
-	0	9	4	0			
	2	5	4	2			
						25	42

	2	x	5	=	10
10	x	3	=	30	

30

$$50 - 5 = 45$$

45,000

<u>1</u>	=	<u>2</u>
2		4

<u>2</u>	-	<u>1</u>
4		4

$\frac{1}{4}$

[illegible]

182

Score

Arithmetic Test 5

Name

1 $38 \div \underline{\hspace{2cm}} = 3.8$

Th	H	T	O	10				
		3	8					
				3	8			
						10		

2 $3/4 + 1/2 =$

$\frac{1}{2}$	=	$\frac{2}{4}$						
$\frac{3}{4}$	+	$\frac{2}{4}$						
						$5/4$		

3 $5 \times 2 \times 4 =$

5	x	2	=	1	0			
1	0	x	4	=	4	0		
							40	

4 $\underline{\hspace{2cm}} - 12.6 = 34.17$

3	4	.	1	7				
+	1	2	.	6	0			
	4	6	.	7	7			
						46.77		

5 $48 \times 7 =$

	4	8						
x		7						
	3	3	6					
						336		

6 $431,754 + 30,000 =$

4	3	1	,	7	5	4		
+	3	0	,	0	0	0		
	4	6	,	7	5	4		

7 $-1 + 12 =$

-1	0							

8 $587,327 - 37,485 =$

5	8	7	,	3	2	7		
-	0	3	7	4	8	5		
	5	4	9	8	4	2		
							549,842	

9 $20.47 + 14.8 =$

	2	0	.	4	7			
+	1	4	.	8	0			
	3	5	.	2	7			
							35.27	

10 3 squared

3^2	=	3	x	3	=	9		
							9	

Score

Name

5/5

1	6	-	4	=	12	12
---	---	---	---	---	----	----

2900

1,806

9	0	0	0	-	1	0	0	0
---	---	---	---	---	---	---	---	---

38,500

4	8	÷	6	=	8
---	---	---	---	---	---

2

462,646

35-6

2/9

$23 \times 0 =$

C

Score

Name

3	0	0	÷	5	=
---	---	---	---	---	---

60

4	2	=	4	x	4	=	1	6
---	---	---	---	---	---	---	---	---

16

Th	H	T	O	$\frac{1}{10}$	$\frac{1}{100}$
----	---	---	---	----------------	-----------------

1	2	4
1	2	

10

4	6	2	5
---	---	---	---

X				7
3	2	3	7	5
8	4	1	3	

32,375

	4 ³	8 ⁵	2	5 ⁴	0
-	0	9	7	0	3
	3	6	5	4	7

365.47

<u>1</u>	<u>+</u>	<u>1</u>	<u>+</u>	<u>1</u>	<u>=</u>	<u>3</u>
4		4		4		4

$\frac{3}{4}$

<u>1</u>		+	<u>2</u>	
3			5	
<u>5</u>	$\times 5$	+	<u>6</u>	$\times 3$
15			15	

11/15

6	x	3	=	1	8			
00	x	3	=	1	8	00		

18,000

5	x	4	=	2	0	
2	0	x	2	=	4	0

40

	8	9	5	7	4	-	10,000					
=	7	9	5	7	4							

+	3
---	---

79,577

Score

Name

Name

5	6	÷	7	=	8
---	---	---	---	---	---

8

Th	H	T	$O \cdot \frac{1}{10}$
----	---	---	------------------------

21-8

Th	H	T	O	$\frac{1}{10}$	$\frac{1}{100}$
----	---	---	---	----------------	-----------------

0.306

0	7	2	0	4
---	---	---	---	---

 24.64

6	2	=	6	x	6	=	3	6	+
2	2	=	2	x	2	=		4	

40

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

2/3

3	2	÷	4	=	8
---	---	---	---	---	---

8	x	3	=	2	4
---	---	---	---	---	---

24

	1	8	9	1
--	---	---	---	---

4	7	35	36	4
---	---	----	----	---

1891

1	2	0	-	4	=	1	1	6				
1	1	6	,	0	0	0	-	5	0	0		
=	1	1	5	5	0	0						

115,500

- 24

Score

Arithmetic Test 9

Name

1 $\frac{2}{3} \times 7 =$

<u>2</u>	x	7	=	1	4
3					3

14/3

2 $9375 \div 6 =$

	1	5	6	2	r_3
6	9	3^3	7	5	

$1,562^{\circ 3}$

3 $47 \times 16 =$

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

752

4 $4.05 \times 100 =$

Th	H	T	O	to	100
			4	0	5
	4	0	5		

405

5 $\frac{7}{8} - \frac{1}{2} =$

<u>1</u>	=	<u>4</u>		
2		8		
<u>7</u>	-	<u>4</u>	=	<u>3</u>
8		8		8

$\frac{3}{8}$

6 + 800 = 43,100

	4	3 1	0	0
-	0	0	8	0
	4	2	3	0

42,300

7 $- 4 + \underline{\hspace{2cm}} = 18$

$$4 + 18 =$$

22

8 $86 - 5 \text{ squared} =$

$$5^2 = 5 \times 5 = 25$$

	8	6
--	---	---

-	2	5
---	---	---

	6	1
--	---	---

6	1
---	---

61

9 $587,362 + 49,764 =$

5	8	7	3	6	2
+	4	9	7	6	4
<hr/>					
6	3	7	1	2	6

637,126

10 $76.4 \div 100 =$

Th	H	T	O	$\frac{1}{10}$	$\frac{1}{100}$
----	---	---	---	----------------	-----------------

7	6	4
---	---	---

[illegible]

0	1	0	1
			0

0.764

Score

Arithmetic Test 10

Name

1 $\underline{\hspace{2cm}} - 11,111 = 84,739$

8	4	7	3	9				
+	1	1	1	1	1			
	9	5	8	5	0			
				1		95,850		

2 $4/6$ of 42 =

4	2	÷	6	=	7			
4	×	7	=	28				
						28		

3 $3 \times 4/6 =$

4	+	4	+	4	=	12		
6		6		6		6		
							12/6	

4 $3 \times 6 \times \underline{\hspace{1cm}} = 36$

3	×	6	=	18				
18	×		=	36				
						2		

5 $2 \frac{1}{4} - \frac{3}{4} =$

2	$\frac{1}{4}$	=	$\frac{9}{4}$					
$\frac{9}{4}$	-	$\frac{3}{4}$	=	$\frac{6}{4}$				
						6/4		

6 $56.08 \div 10 =$

Th	H	T	O	$\frac{1}{10}$	$\frac{1}{100}$			
			5	6	0	8		
				5	6	0	8	
							5-608	

7 $4 \times \underline{\hspace{1cm}} = 240$

4	×	6	=	24				
						60		

8 $2959 \div 7 =$

		0	4	2	2	rs		
7	2	9	5	9				
							422 ^{rs}	

9 $85 \times 14 =$

		8	5					
	×	1	4					
		3	4	0				
		8	5	0			1,190	
1	1	9	0					

10 $86.9 - 47.25 =$

		8	6	.	9	0		
-		4	7	.	2	5		
		3	9	.	6	5		
							39.65	

Score