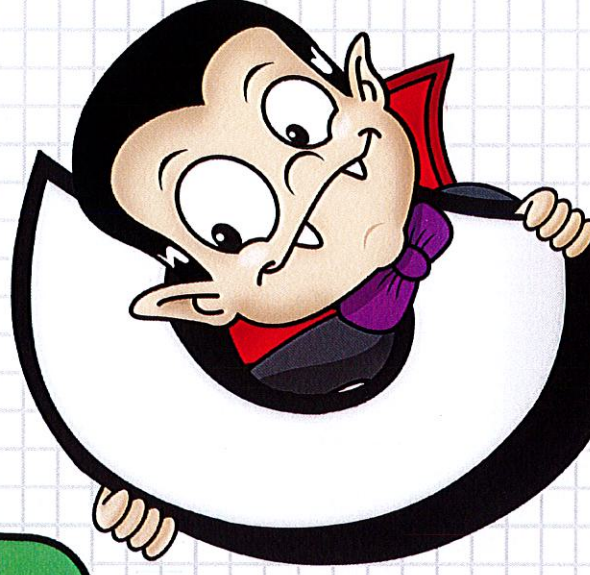


Part of
**BEAT
THAT!**

Big
Maths

The

Big Challenges!



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Raising Standards in Education

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LEARN ITS
Challenges!

ULTIMATE

Ultimate Challenge

Name:

Class:

Date:

$2 + 2 =$	$3 + 4 =$	$4 + 7 =$	$6 + 7 =$	$2 \times 2 =$	$3 \times 4 =$	$4 \times 7 =$	$6 \times 7 =$
$2 + 3 =$	$3 + 5 =$	$4 + 8 =$	$6 + 8 =$	$2 \times 3 =$	$3 \times 5 =$	$4 \times 8 =$	$8 \times 6 =$
$2 + 4 =$	$6 + 3 =$	$4 + 9 =$	$9 + 6 =$	$2 \times 4 =$	$3 \times 6 =$	$9 \times 4 =$	$6 \times 9 =$
$5 + 2 =$	$3 + 7 =$	$5 + 5 =$	$7 + 7 =$	$2 \times 5 =$	$3 \times 7 =$	$5 \times 5 =$	$7 \times 7 =$
$2 + 6 =$	$3 + 8 =$	$6 + 5 =$	$7 + 8 =$	$6 \times 2 =$	$8 \times 3 =$	$5 \times 6 =$	$8 \times 7 =$
$2 + 7 =$	$3 + 9 =$	$5 + 7 =$	$9 + 7 =$	$2 \times 7 =$	$3 \times 9 =$	$5 \times 7 =$	$7 \times 9 =$
$2 + 8 =$	$4 + 4 =$	$5 + 8 =$	$8 + 8 =$	$2 \times 8 =$	$4 \times 4 =$	$8 \times 5 =$	$8 \times 8 =$
$9 + 2 =$	$5 + 4 =$	$5 + 9 =$	$8 + 9 =$	$2 \times 9 =$	$4 \times 5 =$	$5 \times 9 =$	$8 \times 9 =$
$3 + 3 =$	$4 + 6 =$	$6 + 6 =$	$9 + 9 =$	$3 \times 3 =$	$4 \times 6 =$	$6 \times 6 =$	$9 \times 9 =$



1 4.389

2 Round to the nearest 1000
2,567,328

3

25	0	-25	-50
----	---	-----	-----

4

The gap is

-3	-7
----	----

5

$4.31 \times 1000 =$

$134.8 \div 1000 =$

6 Circle the Prime Numbers

3 9 15 17

7 $3.89 + 2.42 =$

8 $4.5 - 1.7 =$

9 $273 \div 13 =$

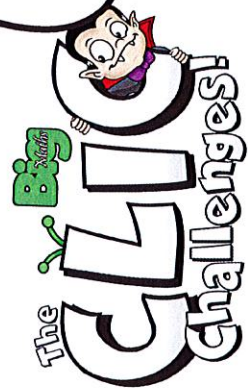
10

81686	+	66549	=
-------	---	-------	---

Name:

Class:

Date:





LEARN ITS Challenges! ULTIMATE

Ultimate Challenge

Name:
Class:
Date:

$8 \times 9 =$	$4 \times 7 =$	$6 \times 9 =$	$3 \times 8 =$	$9 + 9 =$	$2 \times 7 =$	$3 \times 3 =$	$9 \times 7 =$
$5 + 7 =$	$6 + 3 =$	$6 + 9 =$	$2 \times 4 =$	$7 + 7 =$	$3 \times 7 =$	$3 \times 5 =$	$2 + 7 =$
$2 + 4 =$	$7 \times 7 =$	$7 + 9 =$	$5 + 5 =$	$7 + 8 =$	$2 \times 5 =$	$4 \times 4 =$	$6 + 8 =$
$2 + 5 =$	$6 \times 6 =$	$2 \times 3 =$	$2 \times 6 =$	$9 + 4 =$	$8 \times 5 =$	$7 \times 8 =$	$8 \times 8 =$
$9 \times 9 =$	$5 \times 9 =$	$8 \times 2 =$	$5 \times 5 =$	$2 + 2 =$	$2 + 6 =$	$5 + 6 =$	$2 + 8 =$
$8 + 5 =$	$4 + 5 =$	$3 + 9 =$	$4 + 4 =$	$3 + 8 =$	$4 \times 6 =$	$3 + 5 =$	$4 + 8 =$
$3 + 7 =$	$3 + 3 =$	$6 + 6 =$	$7 \times 5 =$	$2 \times 9 =$	$8 + 9 =$	$8 + 8 =$	$2 + 3 =$
$5 + 9 =$	$4 + 6 =$	$5 \times 6 =$	$4 \times 5 =$	$4 \times 9 =$	$3 \times 4 =$	$4 + 3 =$	$6 \times 7 =$
$6 \times 8 =$	$3 \times 9 =$	$4 + 7 =$	$2 \times 2 =$	$6 + 7 =$	$3 \times 6 =$	$4 \times 8 =$	$2 + 9 =$



1 2 615

2 Round to the nearest 100
84, 657

3

0	-25	-75	-100
---	-----	-----	------

Name:

Class:

Date:

4

The gap is

-1	-8
----	----

5

$1.3 \times 1000 =$

$1468 \div 1000 =$

6 Circle the Prime Numbers

2 11 21 31

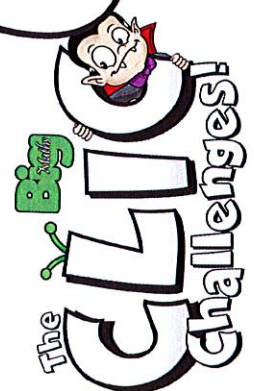
7 $4.63 + 174 =$

8 $6.3 - 4.8 =$

9 $308 \div 14 =$

10

34821	+ 12793
-------	---------





LEARN ITS
Challenges!

ULTIMATE

Ultimate Challenge

Name:

Class:

Date:

$3 \times 9 =$	$6 + 7 =$	$4 \times 8 =$	$3 \times 6 =$	$4 + 7 =$	$3 + 8 =$	$2 \times 2 =$	$6 \times 8 =$
$3 + 6 =$	$7 + 7 =$	$5 \times 3 =$	$3 \times 7 =$	$6 + 9 =$	$2 + 7 =$	$2 \times 4 =$	$5 + 7 =$
$7 \times 7 =$	$7 + 8 =$	$4 \times 4 =$	$2 \times 5 =$	$7 + 9 =$	$6 + 8 =$	$5 + 5 =$	$2 + 4 =$
$4 + 6 =$	$4 \times 9 =$	$3 + 4 =$	$3 \times 4 =$	$5 \times 6 =$	$7 \times 6 =$	$4 \times 5 =$	$5 + 9 =$
$9 \times 5 =$	$2 + 2 =$	$5 + 6 =$	$2 + 6 =$	$2 \times 8 =$	$2 + 8 =$	$5 \times 5 =$	$9 \times 9 =$
$4 + 5 =$	$3 + 8 =$	$3 + 5 =$	$6 \times 4 =$	$9 + 3 =$	$4 + 8 =$	$4 + 4 =$	$8 + 5 =$
$3 + 3 =$	$9 \times 2 =$	$8 + 8 =$	$8 + 9 =$	$6 + 6 =$	$2 + 3 =$	$7 \times 5 =$	$3 + 7 =$
$6 \times 6 =$	$4 + 9 =$	$7 \times 8 =$	$5 \times 8 =$	$2 \times 3 =$	$8 \times 8 =$	$2 \times 6 =$	$2 + 5 =$
$4 \times 7 =$	$9 + 9 =$	$3 \times 3 =$	$2 \times 7 =$	$6 \times 9 =$	$7 \times 9 =$	$3 \times 8 =$	$8 \times 9 =$



1 5437

2 Round to the nearest 10,000
436,594

3

50	25	0	-25
----	----	---	-----

4

The gap is

-4 -9

5

$0.75 \times 1000 =$

$182 \div 1000 =$

6

Circle the Prime Numbers

9 19 29 39

7

$2.75 + 4.83 =$

8

$3.4 - 1.5 =$

9

$480 \div 16 =$

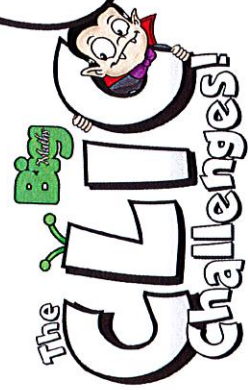
10

$46349 + 20467 =$

Name:

Class:

Date:





LEARN ITS
Challenges!

ULTIMATE

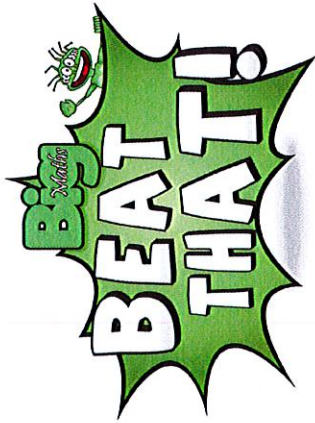
Ultimate Challenge

Name:

Class:

Date:

$7 + 8 =$	$7 \times 7 =$	$7 + 9 =$	$4 \times 4 =$	$2 + 4 =$	$5 + 5 =$	$2 \times 5 =$	$8 + 6 =$
$7 + 7 =$	$3 + 6 =$	$6 + 9 =$	$3 \times 5 =$	$5 + 7 =$	$2 \times 4 =$	$7 \times 3 =$	$2 + 7 =$
$2 + 2 =$	$5 \times 9 =$	$8 \times 2 =$	$5 + 6 =$	$9 \times 9 =$	$5 \times 5 =$	$2 + 6 =$	$2 + 8 =$
$9 \times 4 =$	$4 + 6 =$	$5 \times 6 =$	$3 + 4 =$	$5 + 9 =$	$4 \times 5 =$	$3 \times 4 =$	$6 \times 7 =$
$6 + 7 =$	$9 \times 3 =$	$4 + 7 =$	$4 \times 8 =$	$8 \times 6 =$	$2 \times 2 =$	$3 \times 6 =$	$2 + 9 =$
$4 + 9 =$	$6 \times 6 =$	$2 \times 3 =$	$8 \times 7 =$	$2 + 5 =$	$6 \times 2 =$	$5 \times 8 =$	$8 \times 8 =$
$2 \times 9 =$	$3 + 3 =$	$6 + 6 =$	$8 + 8 =$	$3 + 7 =$	$5 \times 7 =$	$8 + 9 =$	$2 + 3 =$
$3 + 8 =$	$4 + 5 =$	$3 + 9 =$	$3 + 5 =$	$5 + 8 =$	$4 + 4 =$	$4 \times 6 =$	$4 + 8 =$
$9 + 9 =$	$4 \times 7 =$	$6 \times 9 =$	$3 \times 3 =$	$8 \times 9 =$	$3 \times 8 =$	$2 \times 7 =$	$7 \times 9 =$



1 6572

2 Round to the nearest 1,000,000
48,476,493

3

-50	-75	-125	-150
-----	-----	------	------

4 The gap is

-2	-6
----	----

5 $0.04 \times 1000 =$
 $12 \div 1000 =$

6 Circle the Prime Numbers
7 13 27 33

7 $5.96 + 2.78 =$

8 $7.2 - 4.6 =$

9 $396 \div 18 =$

10 $57384 + 25183$

Name:

Class:

Date:





LEARN ITS Challenges! ULTIMATE

Ultimate Challenge

Name:

Class:

Date:

$7 \times 7 =$	$6 + 8 =$	$5 + 5 =$	$4 \times 4 =$	$2 \times 5 =$	$2 + 4 =$	$7 + 8 =$	$7 + 9 =$
$7 \times 4 =$	$7 \times 9 =$	$3 \times 8 =$	$3 \times 3 =$	$2 \times 7 =$	$8 \times 9 =$	$9 + 9 =$	$6 \times 9 =$
$5 \times 9 =$	$2 + 8 =$	$5 \times 5 =$	$5 + 6 =$	$2 + 6 =$	$9 \times 9 =$	$2 + 2 =$	$2 \times 8 =$
$6 \times 6 =$	$8 \times 8 =$	$6 \times 2 =$	$8 \times 7 =$	$8 \times 5 =$	$2 + 5 =$	$9 + 4 =$	$2 \times 3 =$
$3 \times 9 =$	$2 + 9 =$	$2 \times 2 =$	$4 \times 8 =$	$3 \times 6 =$	$6 \times 8 =$	$6 + 7 =$	$4 + 7 =$
$4 + 5 =$	$4 + 8 =$	$4 + 4 =$	$3 + 5 =$	$4 \times 6 =$	$5 + 8 =$	$3 + 8 =$	$3 + 9 =$
$3 + 3 =$	$3 + 2 =$	$5 \times 7 =$	$8 + 8 =$	$8 + 9 =$	$3 + 7 =$	$2 \times 9 =$	$6 + 6 =$
$3 + 6 =$	$2 + 7 =$	$2 \times 4 =$	$3 \times 5 =$	$3 \times 7 =$	$7 + 5 =$	$7 + 7 =$	$9 + 6 =$
$4 + 6 =$	$6 \times 7 =$	$4 \times 5 =$	$3 + 4 =$	$3 \times 4 =$	$5 + 9 =$	$4 \times 9 =$	$5 \times 6 =$

Name: _____

Class: _____

Date: _____

1 3.748

2 Round to the nearest 10,000
8,319,564

3

-100		-150	-175	-200
------	--	------	------	------

4

The gap is

-3		-8
----	--	----

5

$0.006 \times 1000 =$

$5.8 \div 1000 =$

6

Circle the Prime Numbers

4 5 13 15

7

$658 + 187 =$

8

$8.6 - 3.9 =$

9

$1248 \div 24 =$

10

$63875 + 21476 =$



LEARN ITS Challenges! ULTIMATE

Ultimate Challenge

Name:

Class:

Date:

$4 \times 4 =$	$7 + 8 =$	$7 \times 7 =$	$6 + 8 =$	$5 + 5 =$	$7 + 9 =$	$2 + 4 =$	$2 \times 5 =$
$3 + 5 =$	$8 + 3 =$	$4 + 5 =$	$4 + 8 =$	$4 + 4 =$	$3 + 9 =$	$5 + 8 =$	$6 \times 4 =$
$3 \times 5 =$	$7 + 7 =$	$3 + 6 =$	$2 + 7 =$	$2 \times 4 =$	$6 + 9 =$	$5 + 7 =$	$3 \times 7 =$
$8 \times 7 =$	$4 + 9 =$	$6 \times 6 =$	$8 \times 8 =$	$2 \times 6 =$	$3 \times 2 =$	$2 + 5 =$	$5 \times 8 =$
$4 \times 8 =$	$6 + 7 =$	$9 \times 3 =$	$2 + 9 =$	$2 \times 2 =$	$4 + 7 =$	$8 \times 6 =$	$3 \times 6 =$
$3 \times 3 =$	$9 + 9 =$	$4 \times 7 =$	$7 \times 9 =$	$3 \times 8 =$	$6 \times 9 =$	$8 \times 9 =$	$2 \times 7 =$
$8 + 8 =$	$2 \times 9 =$	$3 + 3 =$	$2 + 3 =$	$7 \times 5 =$	$6 + 6 =$	$3 + 7 =$	$8 + 9 =$
$3 + 4 =$	$4 \times 9 =$	$4 + 6 =$	$6 \times 7 =$	$4 \times 5 =$	$5 \times 6 =$	$5 + 9 =$	$3 \times 4 =$
$5 + 6 =$	$2 + 2 =$	$5 \times 9 =$	$8 + 2 =$	$5 \times 5 =$	$2 \times 8 =$	$9 \times 9 =$	$2 + 6 =$



1 8.263

2 Round to the nearest 1,000
36,493

3

-200	-225	-250	-300
------	------	------	------

4

The gap is

-5 -9

5

$65.7 \times 1000 =$

$0.9 \div 1000 =$

6 Circle the Prime Numbers

8 17 28 37

7 $4.67 + 7.84 =$

8 $5.1 - 1.4 =$

9 $800 \div 32 =$

10

82647	+ 43185

Name:

Class:

Date:





LEARN ITS Challenges! ULTIMATE

Ultimate Challenge

Name:

Class:

Date:

$6 \times 9 =$	$2 \times 7 =$	$3 \times 8 =$	$8 \times 9 =$	$9 + 9 =$	$7 \times 4 =$	$7 \times 9 =$	$3 \times 3 =$
$3 + 9 =$	$4 \times 6 =$	$4 + 4 =$	$5 + 8 =$	$3 + 8 =$	$4 + 5 =$	$4 + 8 =$	$3 + 5 =$
$9 + 6 =$	$3 \times 7 =$	$4 \times 2 =$	$5 + 7 =$	$7 + 7 =$	$3 + 6 =$	$2 + 7 =$	$3 \times 5 =$
$7 + 9 =$	$2 \times 5 =$	$5 + 5 =$	$2 + 4 =$	$7 + 8 =$	$7 \times 7 =$	$6 + 8 =$	$4 \times 4 =$
$4 + 7 =$	$3 \times 6 =$	$2 \times 2 =$	$8 \times 6 =$	$6 + 7 =$	$3 \times 9 =$	$2 + 9 =$	$4 \times 8 =$
$2 \times 8 =$	$2 + 6 =$	$5 \times 5 =$	$9 \times 9 =$	$2 + 2 =$	$5 \times 9 =$	$2 + 8 =$	$5 + 6 =$
$6 + 6 =$	$8 + 9 =$	$5 \times 7 =$	$3 + 7 =$	$2 \times 9 =$	$3 + 3 =$	$2 + 3 =$	$8 + 8 =$
$2 \times 3 =$	$8 \times 5 =$	$2 \times 6 =$	$2 + 5 =$	$4 + 9 =$	$6 \times 6 =$	$8 \times 8 =$	$8 \times 7 =$
$5 \times 6 =$	$3 \times 4 =$	$4 \times 5 =$	$5 + 9 =$	$9 \times 4 =$	$4 + 6 =$	$7 \times 6 =$	$3 + 4 =$

1

7.194

2 Round to the nearest 100

614,287

3

-350 -400 -425 -450

4

The gap is

-4 -7

5

$24 \times 1000 =$

$3.85 \div 1000 =$

6

Circle the Prime Numbers

5 7 15 51

7

$8.74 + 5.69 =$

8

$9.7 - 4.8 =$

9

$1872 \div 36 =$

10

$53684 + 19586 =$

Name:

Class:

Date:



LEARN **LOTS**
Challenges!

ULTIMATE

Ultimate Challenge

Name:

Class:

Date:

$4 \times 5 =$	$3 + 4 =$	$5 + 9 =$	$3 \times 4 =$	$9 \times 4 =$	$5 \times 6 =$	$4 + 6 =$	$7 \times 6 =$
$4 + 4 =$	$3 + 5 =$	$5 + 8 =$	$4 \times 6 =$	$3 + 8 =$	$3 + 9 =$	$4 + 5 =$	$4 + 8 =$
$2 \times 4 =$	$3 \times 5 =$	$5 + 7 =$	$3 \times 7 =$	$7 + 7 =$	$6 + 9 =$	$3 + 6 =$	$2 + 7 =$
$2 \times 2 =$	$8 \times 4 =$	$6 \times 8 =$	$3 \times 6 =$	$6 + 7 =$	$4 + 7 =$	$3 \times 9 =$	$2 + 9 =$
$2 \times 6 =$	$7 \times 8 =$	$2 + 5 =$	$5 \times 8 =$	$4 + 9 =$	$3 \times 2 =$	$6 \times 6 =$	$8 \times 8 =$
$5 \times 5 =$	$5 + 6 =$	$9 \times 9 =$	$2 + 6 =$	$2 + 2 =$	$2 \times 8 =$	$5 \times 9 =$	$2 + 8 =$
$7 \times 5 =$	$8 + 8 =$	$7 + 3 =$	$8 + 9 =$	$2 \times 9 =$	$6 + 6 =$	$3 + 3 =$	$2 + 3 =$
$3 \times 8 =$	$3 \times 3 =$	$8 \times 9 =$	$2 \times 7 =$	$9 + 9 =$	$6 \times 9 =$	$7 \times 4 =$	$7 \times 9 =$
$5 + 5 =$	$4 \times 4 =$	$2 + 4 =$	$5 \times 2 =$	$7 + 8 =$	$7 + 9 =$	$7 \times 7 =$	$6 + 8 =$

Name:

Class:

Date:

1 1956

2 Round to the nearest 100,000
73,503,185

3

-425	-450	-475	-525
------	------	------	------

4 The gap is

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

5

$138.4 \times 1000 =$

$7 \div 1000 =$

6 Circle the Prime Numbers

11 18 31 45

7 $3.85 + 8.67 =$

8 $6.5 - 2.7 =$

9 $570 \div 19 =$

10

78306	+ 26497
-------	---------

MY LAST SCORE?!

HAVE I BEAT THAT?!

10



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ULTIMATE

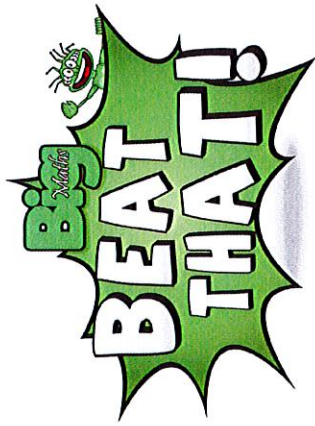
Ultimate Challenge

Name:

Class:

Date:

$2 + 7 =$	$7 + 7 =$	$5 + 7 =$	$3 \times 5 =$	$3 + 6 =$	$4 \times 2 =$	$3 \times 7 =$	$6 + 9 =$
$8 + 4 =$	$3 + 8 =$	$5 + 8 =$	$3 + 5 =$	$4 + 5 =$	$4 + 4 =$	$4 \times 6 =$	$3 + 9 =$
$2 + 8 =$	$2 + 2 =$	$9 \times 9 =$	$5 + 6 =$	$5 \times 9 =$	$5 \times 5 =$	$2 + 6 =$	$2 \times 8 =$
$2 + 9 =$	$6 + 7 =$	$8 \times 6 =$	$4 \times 8 =$	$9 \times 3 =$	$2 \times 2 =$	$3 \times 6 =$	$4 + 7 =$
$6 \times 7 =$	$4 \times 9 =$	$5 + 9 =$	$3 + 4 =$	$4 + 6 =$	$4 \times 5 =$	$4 \times 3 =$	$5 \times 6 =$
$7 \times 9 =$	$9 + 9 =$	$8 \times 9 =$	$3 \times 3 =$	$4 \times 7 =$	$3 \times 8 =$	$2 \times 7 =$	$6 \times 9 =$
$2 + 3 =$	$9 \times 2 =$	$3 + 7 =$	$8 + 8 =$	$3 + 3 =$	$5 \times 7 =$	$8 + 9 =$	$6 + 6 =$
$6 + 8 =$	$7 + 8 =$	$2 + 4 =$	$4 \times 4 =$	$7 \times 7 =$	$5 + 5 =$	$2 \times 5 =$	$9 + 7 =$
$8 \times 8 =$	$4 + 9 =$	$2 + 5 =$	$8 \times 7 =$	$6 \times 6 =$	$2 \times 6 =$	$5 \times 8 =$	$2 \times 3 =$



1 9.861

2 Round to the nearest 1,000,000
5,093,964

3

-575	-600	-650	-675
------	------	------	------

4 The gap is

-3 -9

5

$3.7 \times 1000 =$

$95800 \div 1000 =$

6 Circle the Prime Numbers

9 13 29 33

7 $7.68 + 6.35 =$

8 $7.3 - 1.5 =$

9 $2730 \div 26 =$

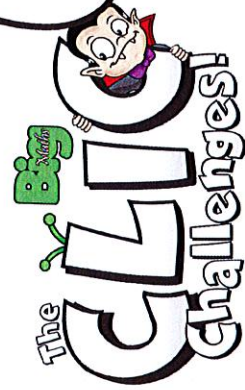
10

$93678 + 28475 =$

Name:

Class:

Date:





LEARN LOTS
Challenges!

ULTIMATE

Ultimate Challenge

Name:

Class:

Date:

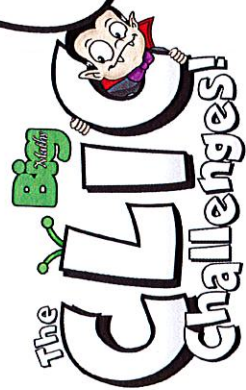
$5 + 7 =$	$3 + 6 =$	$3 \times 7 =$	$2 + 7 =$	$7 + 7 =$	$6 + 9 =$	$4 \times 2 =$	$3 \times 5 =$
$8 \times 6 =$	$9 \times 3 =$	$3 \times 6 =$	$3 + 8 =$	$7 + 6 =$	$4 + 7 =$	$2 \times 2 =$	$4 \times 8 =$
$9 \times 9 =$	$5 \times 9 =$	$2 + 6 =$	$2 + 8 =$	$2 + 2 =$	$2 \times 8 =$	$5 \times 5 =$	$5 + 6 =$
$8 \times 9 =$	$4 \times 7 =$	$2 \times 7 =$	$9 \times 7 =$	$9 + 9 =$	$6 \times 9 =$	$3 \times 8 =$	$3 \times 3 =$
$5 + 9 =$	$4 + 6 =$	$3 \times 4 =$	$6 \times 7 =$	$4 \times 9 =$	$5 \times 6 =$	$4 \times 5 =$	$3 + 4 =$
$2 + 4 =$	$7 \times 7 =$	$2 \times 5 =$	$6 + 8 =$	$7 + 8 =$	$7 + 9 =$	$5 + 5 =$	$4 \times 4 =$
$3 + 7 =$	$3 + 3 =$	$8 + 9 =$	$3 + 2 =$	$2 \times 9 =$	$6 + 6 =$	$5 \times 7 =$	$8 + 8 =$
$5 + 8 =$	$4 + 5 =$	$6 \times 4 =$	$4 + 8 =$	$3 + 8 =$	$9 + 3 =$	$4 + 4 =$	$3 + 5 =$
$2 + 5 =$	$6 \times 6 =$	$5 \times 8 =$	$8 \times 8 =$	$4 + 9 =$	$2 \times 3 =$	$2 \times 6 =$	$8 \times 7 =$



Name:

Class:

Date:



1 6745

2 Round to the nearest 1,000
784,569

3

	-200	-225	-275
--	------	------	------

4

The gap is

-1 -6

5

$0.9 \times 1000 =$

$0.06 \div 1000 =$

6 Circle the Prime Numbers

7 23 32 49

7 $9.39 + 4.86 =$

8 $8.4 - 3.6 =$

9 $924 \div 42 =$

10

$65837 + 78498$