

Big Maths Beat That!: Teacher Notes

CLIC Challenge 18			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Squiggleworth	5	I can partition a 3dp number
Q2	Counting: Core Numbers	9	I can understand 5, 6, 7, 8d numbers
Q3	Counting: Count Fourways	-25s	
Q4	Counting: Counting Along	6	I can find the gap between 2 negative numbers
Q5	INN: Multiplying by 10 Dividing by 10	5 5	I can multiply / divide whole numbers and decimals by 1000
Q6	INN: Pom's Words	4	I can understand prime numbers
Q7	Calc: +	37	I can solve any additions with 2dp
Q8	Calc: -	35	I can subtract numbers with tenths
Q9	Calc: ÷	30	I can combine 2 or more coin facts to solve division
Q10	Column Methods: +	10	I can solve any 5d + 5d



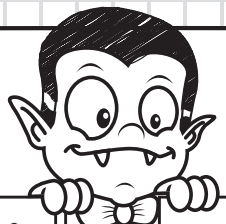
Name: _____

Class: _____

Date: _____

1 4.389

2 Round to the nearest **1000**
2,567,328

3 

25	0	-25	-50	
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4 -3 -7 The gap is _____

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
$$\begin{array}{r} 81686 \\ + 66549 \\ \hline \end{array}$$





MY LAST SCORE?!

HAVE I BEAT THAT?!

10



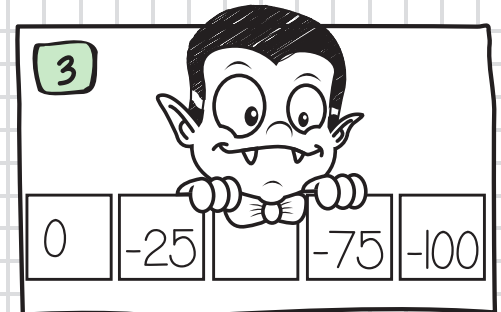
Name: _____

Class: _____

Date: _____

1 2.615

2 Round to the nearest **100**
84, 657



4 -1 -8 The gap is _____

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
$$\begin{array}{r} 34821 \\ + 12793 \\ \hline \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____

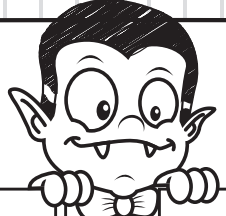
1

$$\begin{array}{r} 5.437 \\ \hline \end{array}$$

2 Round to the nearest 10,000

$$436,594$$

3



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

4

$$\begin{array}{r} -4 \\ -9 \end{array}$$
 The gap is _____

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

$$\begin{array}{r} 46349 \\ + 20467 \\ \hline \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

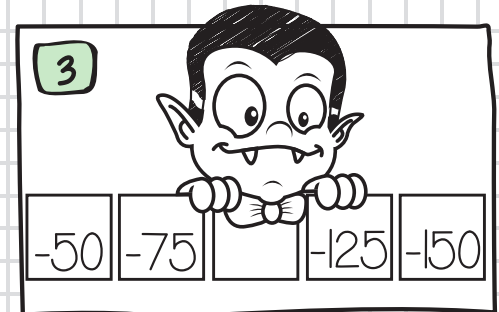
Date: _____

1

$$\begin{array}{r} 6.572 \\ \diagup \quad \diagdown \quad \diagup \quad \diagdown \end{array}$$

2 Round to the nearest 1,000,000

$$48,476,493$$



4

$$\begin{array}{r} -2 \\ -6 \end{array}$$

The gap is

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

$$\begin{array}{r} 57384 \\ + 25183 \\ \hline \end{array}$$





Name: _____

Class: _____

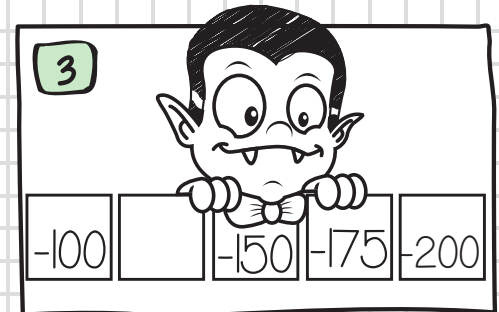
Date: _____

1 3.748

Diagram showing the number 3.748 with lines indicating the decimal places: 3 (units), 7 (tenths), 4 (hundredths), and 8 (thousandths).

2 Round to the nearest **10,000**

8,319,564



4 -3 The gap is

-8

5 $0.006 \times 1000 =$

$5.8 \div 1000 =$

6 circle the Prime Numbers

4 5 13 15

7 $6.58 + 187 =$

8 $8.6 - 3.9 =$

9 $1248 \div 24 =$

10
$$\begin{array}{r} 63875 \\ + 21476 \\ \hline \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

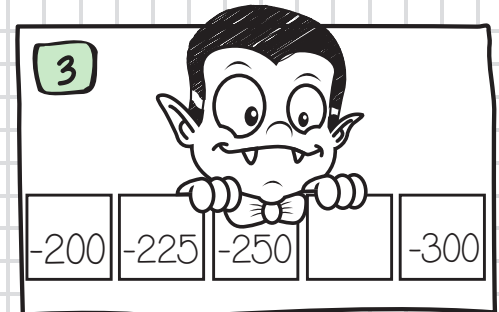
Date: _____

1 8.263

Diagram showing the number 8.263 with lines indicating the decimal places: 8 (units), 2 (tenths), 6 (hundredths), 3 (thousandths).

2 Round to the nearest 1,000

36,493



4 -5 -9 The gap is

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
 $+ 43185$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



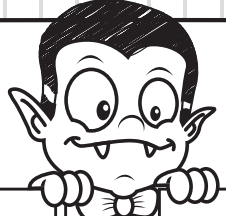
Name: _____

Class: _____

Date: _____

1 7.194

2 Round to the nearest **100**
614,287

3 

-350		-400	-425	-450
------	--	------	------	------

4 -4 -7 The gap is _____

5 $24 \times 1000 =$
 $3.85 \div 1000 =$

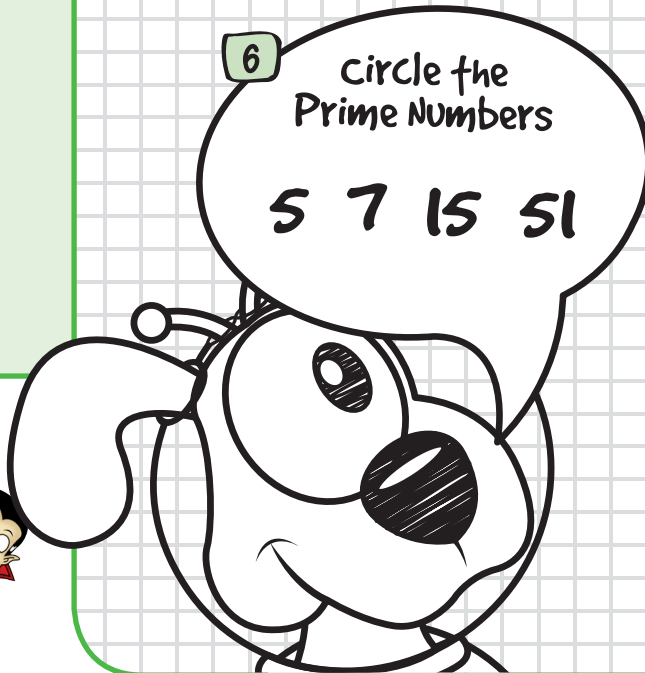
6 Circle the Prime Numbers
5 7 15 51

7 $8.74 + 5.69 =$

8 **$9.7 - 4.8 =$**

9 $1872 \div 36 =$

10
$$\begin{array}{r} 53684 \\ + 19586 \\ \hline \end{array}$$





Name: _____

Class: _____

Date: _____

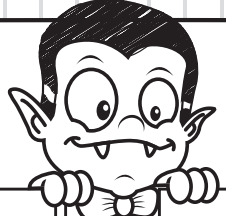
1

$$\begin{array}{c} 1.956 \\ \diagup \quad \diagdown \quad \diagup \quad \diagdown \\ \end{array}$$

2 Round to the nearest **100,000**

$$73,503,185$$

3



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

4

$$\begin{array}{c} -2 \\ \\ -5 \end{array}$$

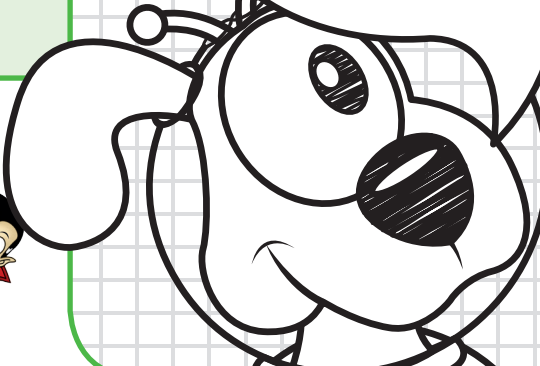
The gap is

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

$$\begin{array}{r} 78306 \\ + 26497 \\ \hline \end{array}$$






Name: _____

Class: _____

Date: _____

1

9.861

2 Round to the nearest 1,000,000

5,093,964

3

-575 -600 -650 -675

4

-3

-9

The gap is

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
 $+ 28475$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____

1

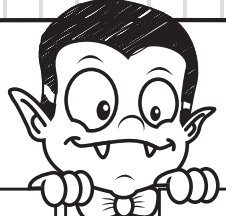
$$\begin{array}{cccc} 6 & 7 & 4 & 5 \\ \diagdown & \diagup & \diagdown & \diagup \end{array}$$

2

Round to the nearest 1,000

$$784,569$$

3



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

4

$$\begin{array}{l} -1 \\ \hline -6 \end{array}$$

The gap is

5

$$0.91 \times 1000 =$$
$$0.06 \div 1000 =$$

6

circle the Prime Numbers

$$7 \quad 23 \quad 32 \quad 49$$

7

$$9.39 + 4.86 =$$


8

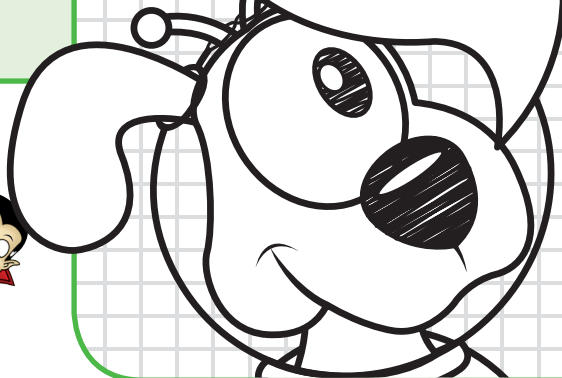
$$8.4 - 3.6 =$$


9

$$924 \div 42 =$$


10

$$\begin{array}{r} 65837 \\ + 78498 \\ \hline \end{array}$$

MY LAST SCORE?!

HAVE I BEAT THAT?!



Name: _____

Class: _____

Date: _____

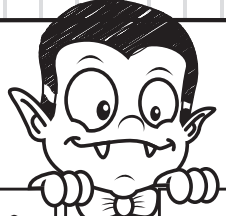
1

$$\begin{array}{c} 4.389 \\ \swarrow \quad \downarrow \quad \downarrow \quad \searrow \\ 4 \quad 0.3 \quad 0.08 \quad 0.009 \end{array}$$

2 Round to the nearest 1000

$$\begin{array}{r} 2,567,328 \\ 2,567,000 \end{array}$$

3



25	0	-25	-50	-75
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4

$$\begin{array}{r} -3 \\ -7 \end{array}$$

The gap is

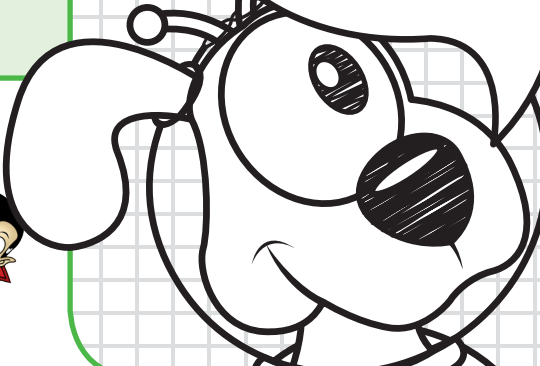
4

5

$$4.31 \times 1000 = 4310$$
$$134.8 \div 1000 = 0.1348$$

6 circle the Prime Numbers

3 9 15 17



7

$$3.89 + 2.42 =$$

6.31



8

$$4.5 - 1.7 =$$

2.8



9

$$273 \div 13 =$$

21



10

$$\begin{array}{r} 81686 \\ + 66549 \\ \hline 148235 \end{array}$$






Name: _____

Class: _____

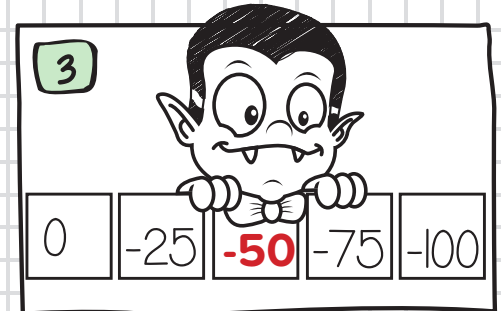
Date: _____

1

$$\begin{array}{c} 2.615 \\ \swarrow \quad \downarrow \quad \downarrow \quad \searrow \\ 2 \quad 0.6 \quad 0.01 \quad 0.005 \end{array}$$

2 Round to the nearest 100

$$\begin{array}{r} 84,657 \\ \hline 84,700 \end{array}$$



4

$$\begin{array}{r} -1 \\ -8 \end{array}$$

The gap is

7

5

$$1.3 \times 1000 = 1300$$
$$1468 \div 1000 = 1.468$$

6 Circle the Prime Numbers

2 11 21 31

7

$$4.63 + 174 =$$

6.37

8

$$6.3 - 4.8 =$$

1.5

9

$$308 \div 14 =$$

22

10

$$\begin{array}{r} 34821 \\ + 12793 \\ \hline 47614 \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____

1

5.437

5 0.4 0.03 0.007

2 Round to the nearest 10,000

436,594

440,000

3

50 25 0 -25 -50

4

-4

-9

The gap is

5

5

$0.75 \times 1000 = 750$

$182 \div 1000 = 0.182$

6 circle the Prime Numbers

9 19 29 39

7

$2.75 + 4.83 =$

7.58

8

$3.4 - 1.5 =$

1.9

9

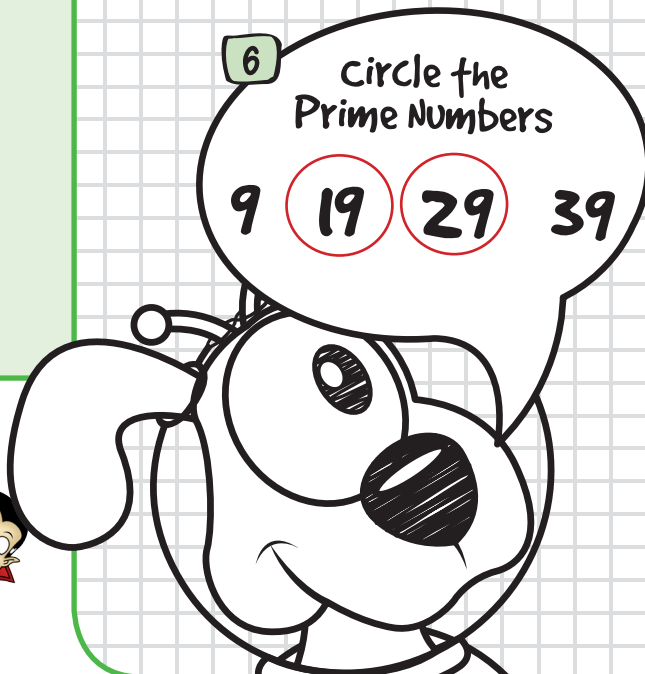
$480 \div 16 =$

30

10

46349
 $+ 20467$

 66816





Name: _____

Class: _____

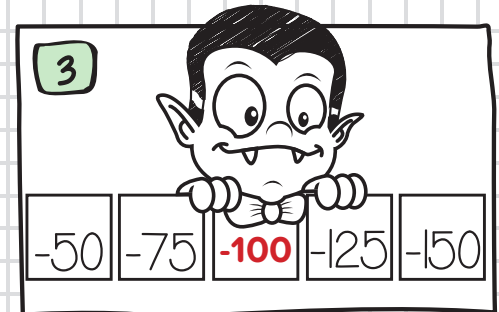
Date: _____

1

$$\begin{array}{c} 6.572 \\ \swarrow \quad \downarrow \quad \searrow \\ 6 \quad 0.5 \quad 0.07 \quad 0.002 \end{array}$$

2 Round to the nearest 1,000,000

$$48,476,493$$
$$48,000,000$$



4

$$\begin{array}{l} -2 \\ -6 \end{array}$$

The gap is

$$4$$

5

$$0.04 \times 1000 = 40$$
$$12 \div 1000 = 0.012$$

6 circle the Prime Numbers

$$\textcircled{7} \textcircled{13} 27 33$$

7

$$5.96 + 2.78 =$$
$$8.74$$

8

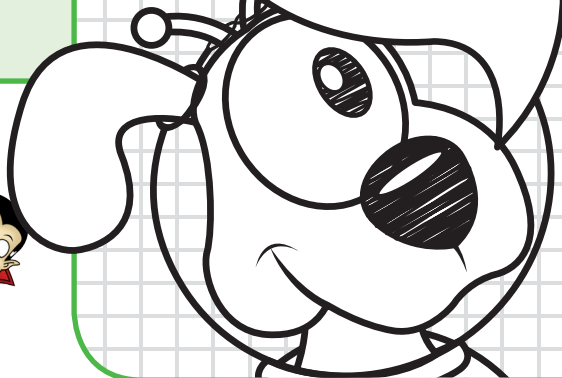
$$7.2 - 4.6 =$$
$$2.6$$

9

$$396 \div 18 =$$
$$22$$

10

$$\begin{array}{r} 57384 \\ + 25183 \\ \hline 82567 \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____

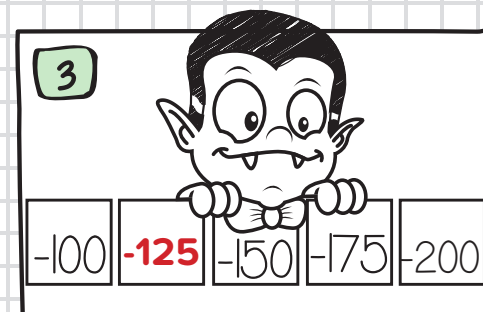
1 3.748

3 0.7 0.04 0.008

2 Round to the nearest **10,000**

8,319,564

8,320,000



4 -3 -8 The gap is

5

5 $0.006 \times 1000 =$ **6**

$5.8 \div 1000 =$ **0.0058**

6 circle the Prime Numbers

4 **5** **13** 15

7 $6.58 + 187 =$

8.45

8 $8.6 - 3.9 =$

4.7

9 $1248 \div 24 =$

52

10 63875
 $+ 21476$
85351





Name:

Class:

Date:

1 8.263

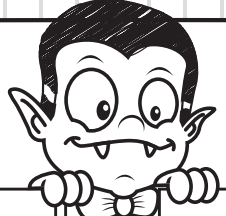
8 0.2 0.06 0.003

2 Round to the nearest 1,000

$36,493$

$36,000$

3



-200 -225 -250 -275 -300

4 -5 -9 The gap is

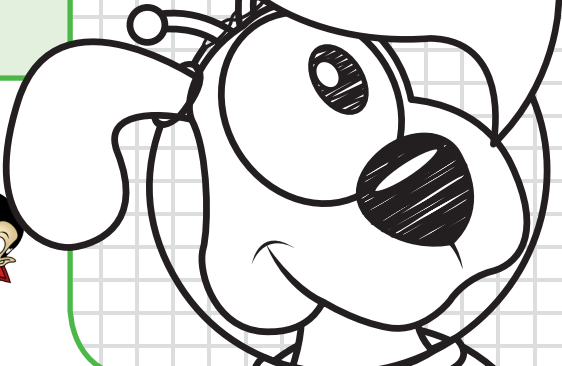
4

5 $65.7 \times 1000 = 65700$

$0.9 \div 1000 = 0.0009$

6 circle the Prime Numbers

8 17 28 37



7 $4.67 + 7.84 =$

12.51



8 $5.1 - 1.4 =$

3.7



9 $800 \div 32 =$

25



10 82647

$+43185$

125832







Name:

Class:

Date:

1

7.194

7 0.1 0.09 0.004

2 Round to the nearest 100

614,287

614,300

3

-350 -375 -400 -425 -450

4

-4

-7

The gap is

3

5

$24 \times 1000 = 24000$

$3.85 \div 1000 = 0.00385$

6 circle the Prime Numbers

5 7 15 51

7 $8.74 + 5.69 =$

14.43

8 $9.7 - 4.8 =$

4.9

9 $1872 \div 36 =$

52

10

53684

+ 19586

73270



MY LAST SCORE?!

HAVE I BEAT THAT?!



Name:

Class:

Date:

1

1.956

1 0.9 0.05 0.006

2 Round to the nearest 100,000

73,503,185

73,500,000

3

-425 -450 -475 -500 -525

4

-2

-5

The gap is

3

5

138.4 x 1000 = 138400

7 ÷ 1000 = 0.007

6 circle the Prime Numbers

11 18 31 45

7

3.85 + 8.67 =

12.52

8

6.5 - 2.7 =

3.8

9

570 ÷ 19 =

30

10

78306

+ 26497

104803



MY LAST SCORE?!

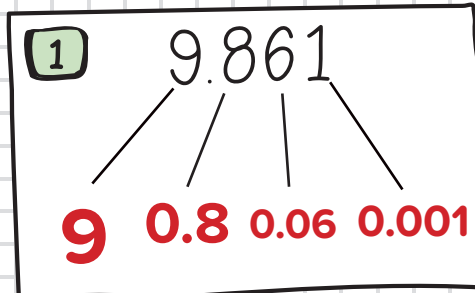
HAVE I BEAT THAT?!



Name: _____

Class: _____

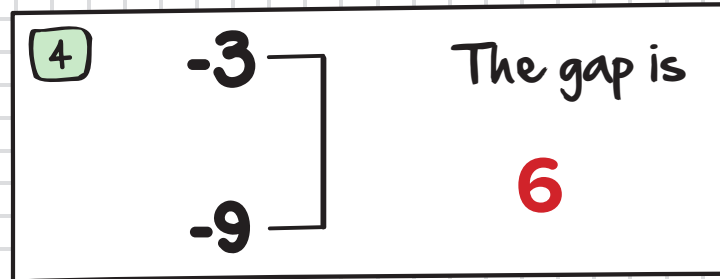
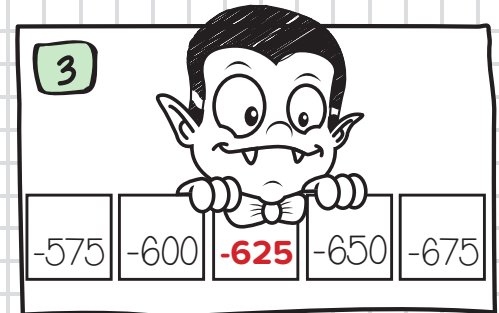
Date: _____



2 Round to the nearest 1,000,000

5,093,964

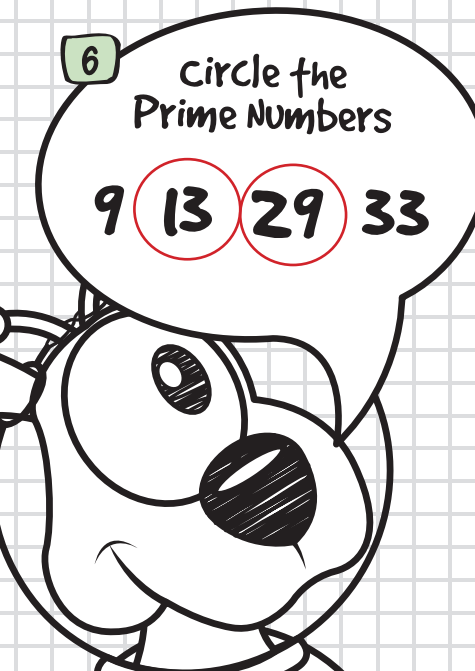
5,000,000



5

$3.7 \times 1000 = 3700$

$95800 \div 1000 = 95.8$



7 $7.68 + 6.35 =$

14.03

8 $7.3 - 1.5 =$

5.8

9 $2730 \div 26 =$

105

10

93678
 $+ 28475$
122153



MY LAST SCORE?!

HAVE I BEAT THAT?!



Name:

Class:

Date:

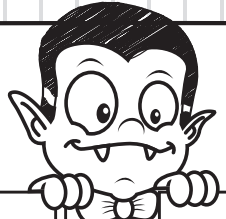
1

$$\begin{array}{c} 6.745 \\ \swarrow \quad \downarrow \quad \searrow \\ 6 \quad 0.7 \quad 0.04 \quad 0.005 \end{array}$$

2 Round to the nearest 1,000

$$\begin{array}{r} 784,569 \\ \hline 785,000 \end{array}$$

3



-175	-200	-225	-250	-275
------	------	------	------	------

4

$$\begin{array}{l} -1 \\ \hline -6 \end{array}$$

The gap is

5

5

$$0.91 \times 1000 = 910$$

$$0.06 \div 1000 = 0.00006$$

6 circle the Prime Numbers

7 23 32 49

7

$$9.39 + 4.86 =$$

14.25



8

$$8.4 - 3.6 =$$

4.8



9

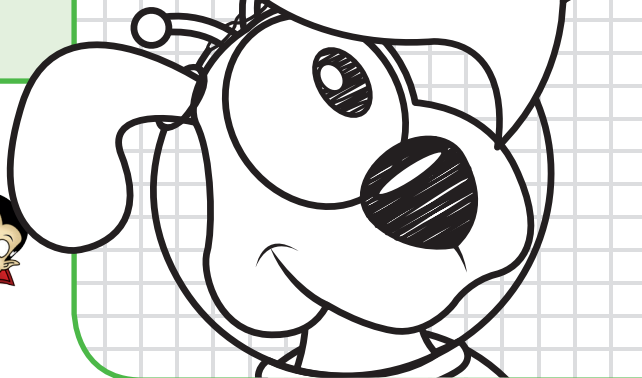
$$924 \div 42 =$$

22



10

$$\begin{array}{r} 65837 \\ + 78498 \\ \hline 144335 \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!