

Big Maths Beat That!: Teacher Notes

CLIC Challenge 18			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	INN: Multiplication	5	I can do Smile Multiplication for hundredths
Q2	Counting: Mastery of Numbers	9	I can understand 5, 6, 7, 8d numbers
Q3	Counting: Counting Along in 4 Ways	-25s	
Q4	Counting: Counting Along Scales	6	I can find the gap between 2 negative numbers
Q5	INN: Number Bonds to 10	5	I can find the missing decimal piece
Q6	INN: Multiple-Factor-Prime	4	I can understand prime numbers
Q7	Calc: -	32	I can solve $3d - 3d$
Q8	Column Methods: +	7	I can solve any $4d + 2d$ or $3d$
Q9	Column Methods: -	8	I can solve any $5d - 5d$
Q10	Column Methods: \div	6	I can solve any $4d \times 1d$



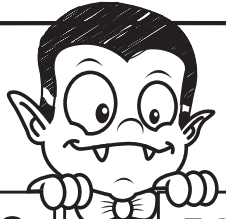
Name:


Class:

Date:

1 $4 \times 0.09 =$

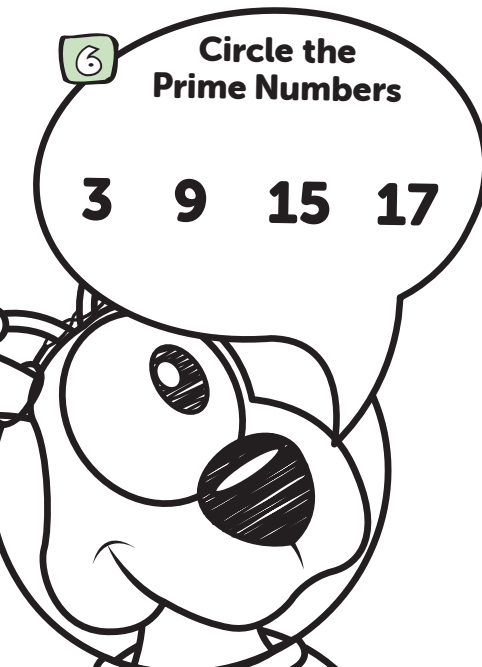
2 Round to the nearest 1000
 $2,567,328$

3 
25 | 0 | -25 | -50 |

4 -3  The gap is -7

5 $4.8 + \square = 10$


6 Circle the Prime Numbers
3 9 15 17




7 $463 - 189 =$




8 $5686 + 749$



9 $95686 - 54749$



10 $6 \overline{)503}$







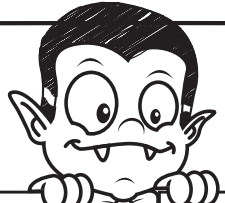
Name:

Class:

Date:

1 $3 \times 0.07 =$

2 Round to the nearest 100
 $84,657$

3 
0 -25 -75 -100

4 -1 The gap is -8

5 $3.76 +$ $= 10$

6 Circle the Prime Numbers
2 11 21 31

7 $534 - 278 =$

8 $4837 + 68$



9 $68324 - 12507$

10 $7 \overline{) 95}$





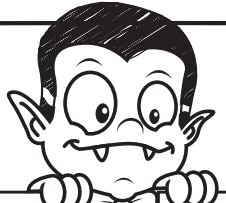
Name:


Class:

Date:

1 $6 \times 0.04 =$

2 Round to the nearest 10,000
 $436,594$

3 
50 | 25 | 0 | -25 |


4 -4  The gap is -9

5 $0.54 + \square = 1$


6 Circle the Prime Numbers
9 19 29 39




7 $326 - 167 =$




8 $6478 + 296$



9 $36845 - 13257$



10 $8 \overline{)137}$







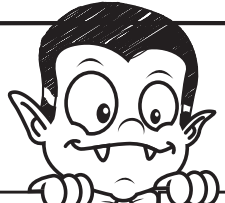
Name:

Class:

Date:

1 $7 \times 0.08 =$

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

3 
-50 -75 -125 -150

4 -2 The gap is -6

5 $10 - \text{[]} = 6.3$

6 Circle the Prime Numbers
7 13 27 33

7 $748 - 382 =$

8 $3268 + 85$



9 $43752 - 29268$

10 $4 \overline{) 75}$





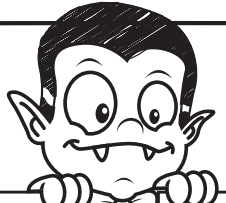
Name:

Class:

Date:

1 $9 \times 0.05 =$

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

3 
-100 -150 -175 -200


4 -3 The gap is
 -8

5 $10 - \text{[]} = 1.79$


6 Circle the Prime Numbers
 $4 \quad 5 \quad 13 \quad 15$




7 $831 - 437 =$



8 $2879 + 465$



9 $81429 - 14653$



10 $6 \overline{) 807}$





MY LAST SCORE?!

HAVE I BEAT THAT?!



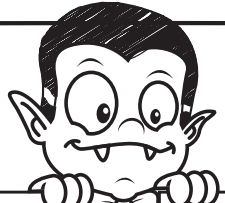
Name:

Class:

Date:

1 $8 \times 0.04 =$

2 Round to the nearest 1,000
 $36,493$

3 
-200 -225 -250 -300

4 -5 The gap is -9

5 $1 - \text{[]} = 0.45$

6 Circle the Prime Numbers
8 17 28 37

7 $628 - 235 =$

8 $8567 + 638$



9 $72380 - 16198$

10 $9 \overline{)471}$





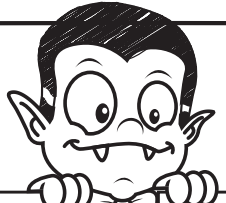
Name:

Class:

Date:

1 $5 \times 0.07 =$

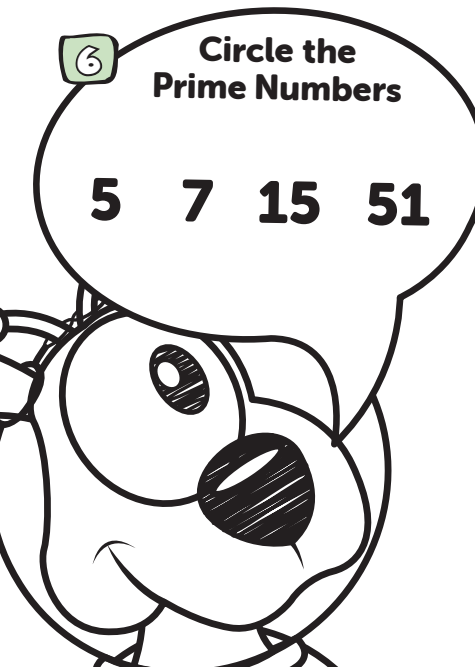
2 Round to the nearest 100
 $614,287$

3 
-350 -400 -425 -450


4 -4 The gap is -7

5 $56.8 +$ $= 100$


6 Circle the Prime Numbers
 $5 \quad 7 \quad 15 \quad 51$




7 $482 - 149 =$




8 $5194 + 967$



9 $56347 - 23869$



10 $7 \overline{) 528}$







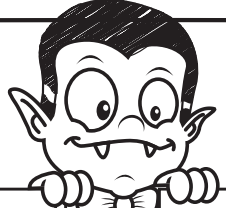
Name: _____

Class: _____

Date: _____

1 $6 \times 0.08 =$

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

3 
-425 -450 -475 -525

4 -2 The gap is
 -5

5 $100 - \text{[]} = 15.6$

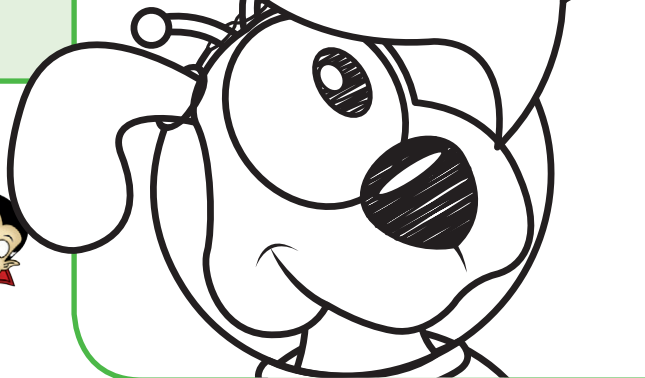
6 Circle the Prime Numbers
 $11 \quad 18 \quad 31 \quad 45$

7 $567 - 218 =$

8 $4586 + 718$

9 $62174 - 13895$

10 $8 \overline{) 667}$





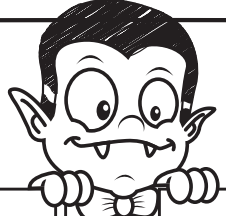
Name: _____

Class: _____

Date: _____

1 $9 \times 0.09 =$

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

3 

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

4 -3

 The gap is -9

5 $10 = 4.19 +$

--

6 Circle the Prime Numbers

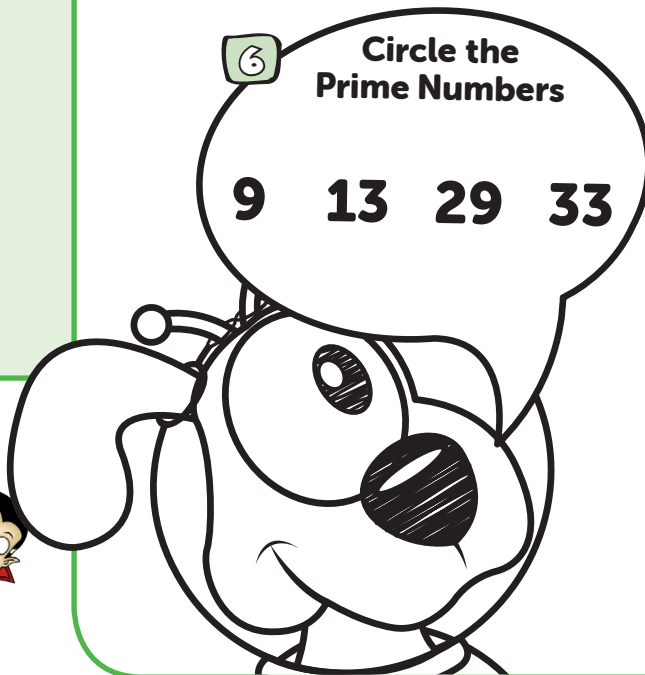
9 13 29 33

7 $775 - 438 =$

8
$$\begin{array}{r} 6836 \\ + 386 \\ \hline \end{array}$$

9
$$\begin{array}{r} 92063 \\ - 15395 \\ \hline \end{array}$$

10 $6 \overline{)452}$





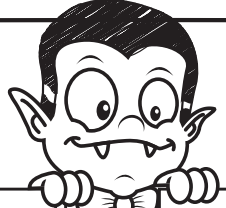
Name: _____

Class: _____

Date: _____

1 $8 \times 0.08 =$

2 Round to the nearest 1,000
 $784,569$

3 

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

4 -1 } The gap is
 -6 }

5 $0.36 = 1 -$

6 Circle the Prime Numbers

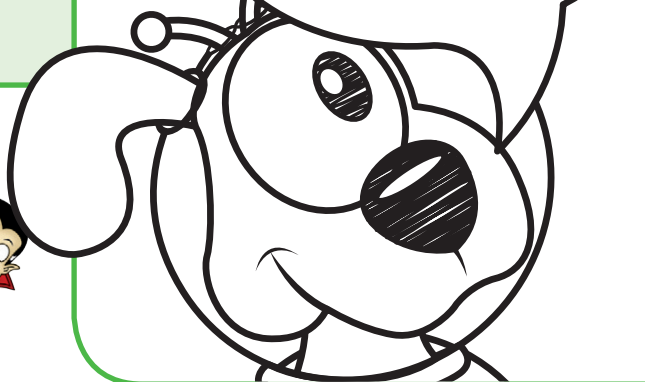
7 23 32 49

7 $853 - 177 =$

8 7569
 $+ 673$

9 76314
 $- 28736$

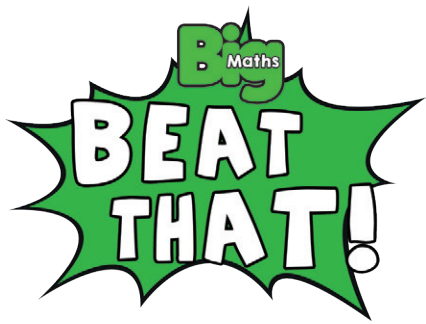
10 $9 \overline{) 759}$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



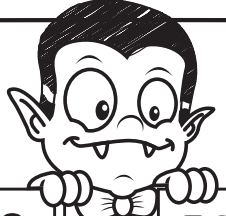
Name:

Class:

Date:

1 $4 \times 0.09 =$
0.36

2 Round to the nearest 1000
2,567,328
2,567,000


3 
25 | 0 | -25 | -50 | -75

4 -3 The gap is
 -7 **4**

5 $4.8 +$ **5.2** $= 10$


6 Circle the Prime Numbers
3 9 15 **17**



7 $463 - 189 =$
274 

8 $5686 + 749$
6435 

9 $95686 - 54749$
40937 

10 $83 \text{ r } 5$
6 | 503 





Name:

Class:

Date:

1 $3 \times 0.07 =$

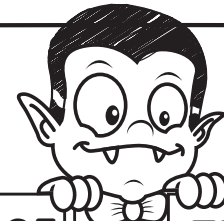
0.21

2 Round to the nearest 100

84,657

84,700

3



0

-25

-50

-75

-100

4 -1 The gap is

-8

7

5

$3.76 + \boxed{6.24} = 10$

6

Circle the Prime Numbers

2

11

21

31

7

$534 - 278 =$

256

8

4837
 $+ 68$

4905

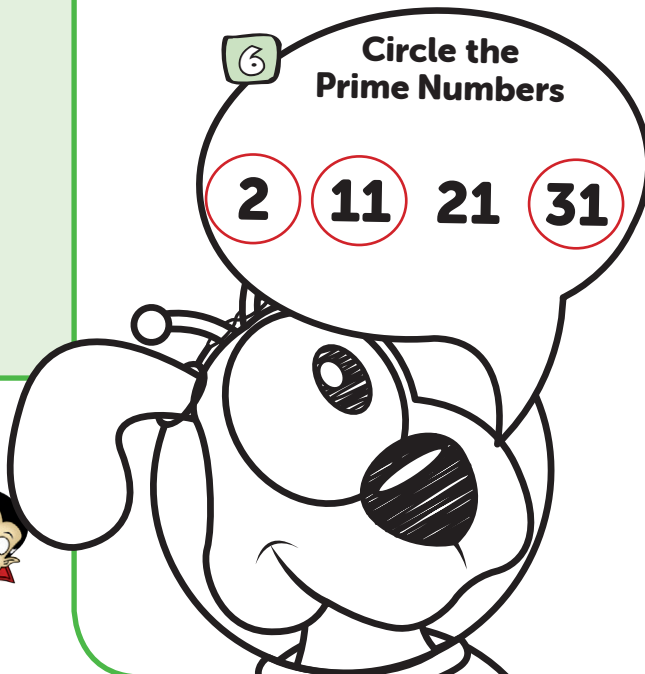
9

68324
 $- 12507$

55817

10

$13 \text{ r } 4$
 $7 \overline{) 95}$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



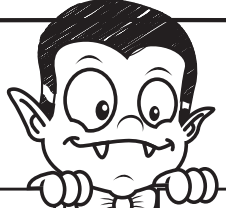
Name:

Class:

Date:

1 $6 \times 0.04 =$
0.24

2 Round to the nearest 10,000
436,594
440,000


3 
50 | 25 | 0 | -25 | -50


4 -4 The gap is
 -9 **5**

5 $0.54 +$ **0.46** $= 1$


6 Circle the Prime Numbers
9 19 29 39



7 $326 - 167 =$
159 

8 $6478 + 296$
6774 

9 $36845 - 13257$
23588 

10 $17 \text{ r } 1$
8 | **137** 





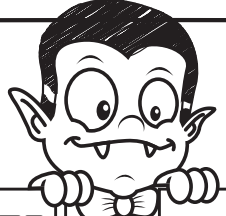
Name:

Class:

Date:

1 $7 \times 0.08 =$
0.56

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

3 
-50 -75 **-100** -125 -150


4 -2 The gap is
4
 -6

5 $10 -$ **3.7** $= 6.3$


6 Circle the Prime Numbers
7 **13** 27 33


7 $748 - 382 =$
366 

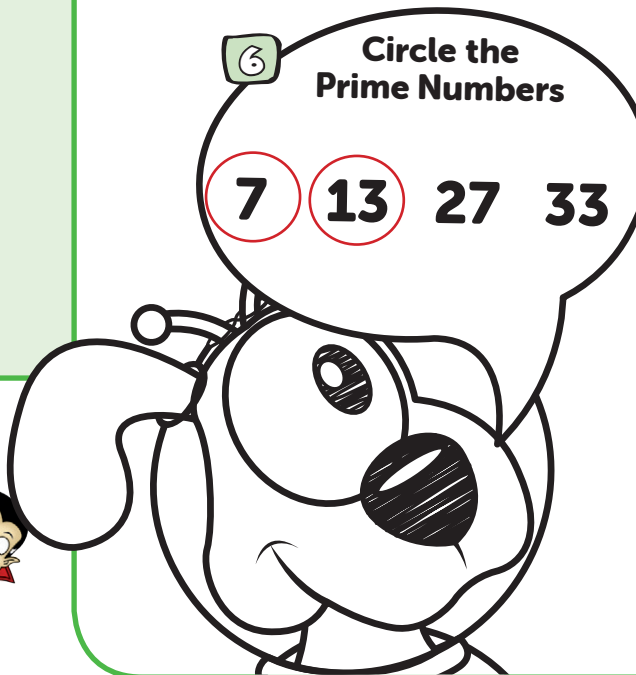
8
$$\begin{array}{r} 3268 \\ + 85 \\ \hline \end{array}$$

3353 

9
$$\begin{array}{r} 43752 \\ - 29268 \\ \hline \end{array}$$

14484 

10
$$\begin{array}{r} 18 \text{ r } 3 \\ 4 \overline{) 75} \end{array}$$
 






Name:

Class:

Date:

1 $9 \times 0.05 =$
0.45

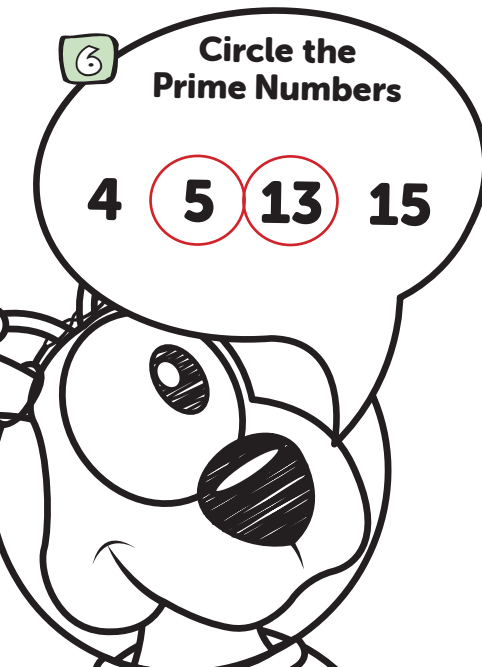
2 Round to the nearest 10,000
8,319,564
8,320,000

3 
-100 **-125** -150 -175 -200


4 -3 The gap is
 -8 **5**

5 $10 -$ **8.21** $= 1.79$


6 Circle the Prime Numbers
4 **5** **13** 15



7 $831 - 437 =$
394




8 $2879 + 465$
3344



9 $81429 - 14653$
66776



10 $134 \text{ r } 3$
6 807







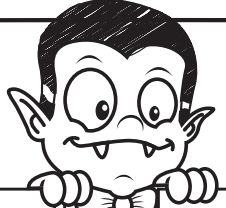
Name:

Class:

Date:

1 $8 \times 0.04 =$
0.32

2 Round to the nearest 1,000
36,493
36,000

3 
-200 -225 -250 **-275** -300

4 -5 The gap is
4
 -9


5 $1 -$ **0.55** $=$ **0.45**


6 Circle the Prime Numbers
8 17 28 37



7 $628 - 235 =$
393 

8 8567
 $+ 638$
9205 

9 72380
 $- 16198$
56182 

10 $52 \text{ r } 3$
 $9 \overline{) 471}$ 





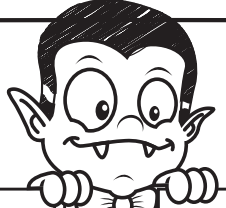
Name:

Class:

Date:

1 $5 \times 0.07 =$
0.35

2 Round to the nearest 100
614,287
614,300

3 
-350 **-375** -400 -425 -450


4 $\begin{array}{r} -4 \\ -7 \end{array}$ The gap is
3

5 $56.8 + \mathbf{43.2} = 100$


6 Circle the Prime Numbers
5 **7** 15 51



7 $482 - 149 =$
333




8 $\begin{array}{r} 5194 \\ + 967 \\ \hline \end{array}$
6161



9 $\begin{array}{r} 56347 \\ - 23869 \\ \hline \end{array}$
32478



10 $\begin{array}{r} 75 \text{ r } 3 \\ 7 \overline{) 528} \end{array}$





MY LAST SCORE?!

HAVE I BEAT THAT?!



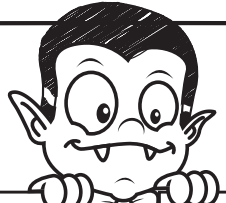
Name:

Class:

Date:

1 $6 \times 0.08 =$
0.48


2 Round to the nearest 100,000
73,503,185
73,500,000


3 
-425 -450 -475 **-500** -525

4 -2 The gap is
3
 -5


5 $100 -$ **84.4** $= 15.6$

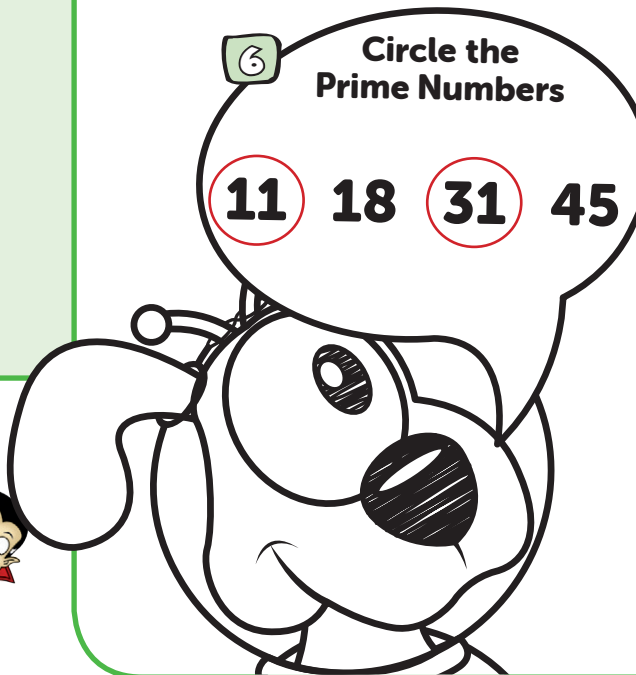
6 Circle the Prime Numbers
11 18 **31** 45

7 $567 - 218 =$
349 

8 $4586 + 718$
5304 

9 $62174 - 13895$
48279 

10 $8 \overline{) 667}$
83 r 3 





Name:

Class:

Date:

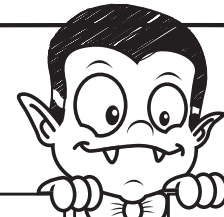
1 $9 \times 0.09 =$

0.81

2 Round to the nearest 1,000,000

5,093,964
5,000,000

3



-575 -600 **-625** -650 -675

4 -3 The gap is

-9

6

5

$10 = 4.19 +$ **5.81**

6

Circle the Prime Numbers

9 **13** **29** 33

7

$775 - 438 =$

337

8

6836
 $+ 386$

7222

9

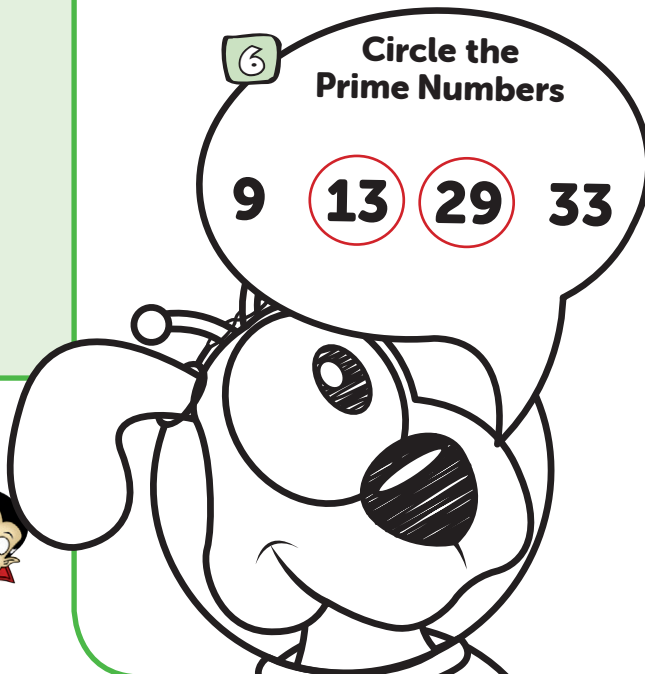
92063
 $- 15395$

76668

10

75 r 2

$6 \overline{) 452}$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name:

Class:

Date:

1 $8 \times 0.08 =$

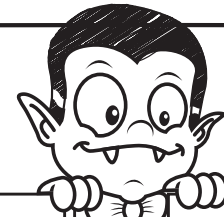
0.64

2 Round to the nearest 1,000

784,569

785,000

3



-175

-200

-225

-250

-275

4 -1 The gap is

-6

5

5

$0.36 = 1 -$ **0.64**

6

Circle the Prime Numbers

7 **23** 32 49

7

$853 - 177 =$

676

8

7569
 $+ 673$

8242

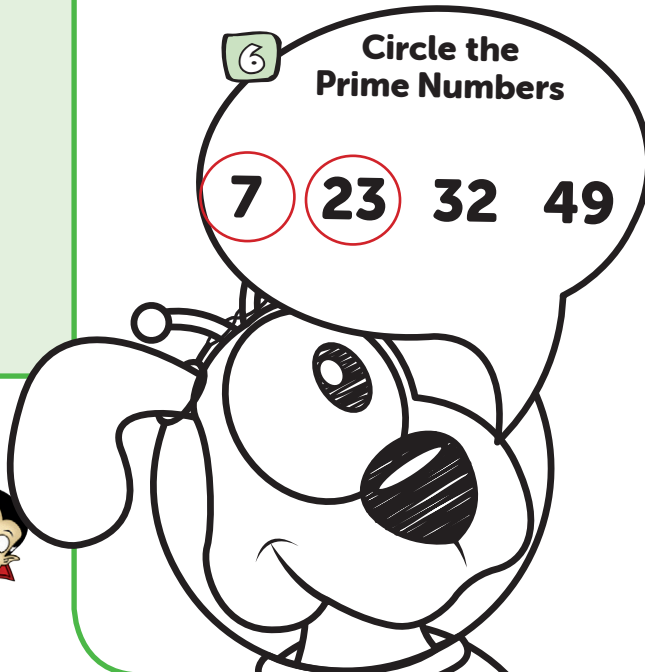
9

76314
 $- 28736$

47578

10

$84 \text{ r } 3$
 $9 \overline{) 759}$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10