

Big Maths Beat That!: Teacher Notes

CLIC Challenge 18			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Place Value	5	I can partition a 3dp number
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: Multiplying by 10 Dividing by 10	5 5	I can multiply / divide whole numbers and decimals by 1000
Q6	INN: Multiple-Factor-Prime	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



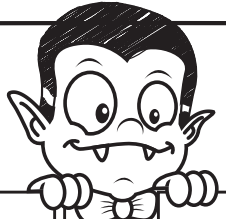
Name:

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**  The gap is

-7 


5 **4.31 x 1000 =**

134.8 ÷ 1000 =


6 Circle the Prime Numbers

3 9 15 17


7 **3.89 + 2.42 =**




8 **4.5 - 1.7 =**



9 **273 ÷ 13 =**



10 **81686**
+ 66549





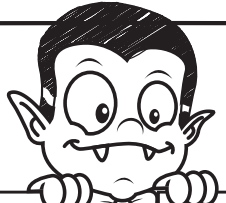

Name:

Class:


Date:

1 **2.615**

2 Round to the nearest 100
84,657

3 


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

4 **-1**  The gap is **-8**


5 **1.3 x 1000 =**
1468 ÷ 1000 =

6 Circle the Prime Numbers
2 11 21 31


7 **4.63 + 1.74 =**




8 **6.3 - 4.8 =**



9 **308 ÷ 14 =**



10 **34821**
+ 12793





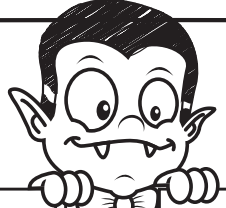

Name:

Class:


Date:


1 **5.437**

2 Round to the nearest 10,000
436,594

3 

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

4 **-4**  The gap is

-9 

5 **0.75 x 1000 =**

182 ÷ 1000 =

6 Circle the Prime Numbers

9 19 29 39

7 **2.75 + 4.83 =**

8 **3.4 - 1.5 =**

9 **480 ÷ 16 =**

10 **46349**
+ 20467





Name:

Class:

Date:

1 **6.572**

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

3

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

4 **-2** **The gap is**
-6

5 **0.04 x 1000 =**
12 ÷ 1000 =

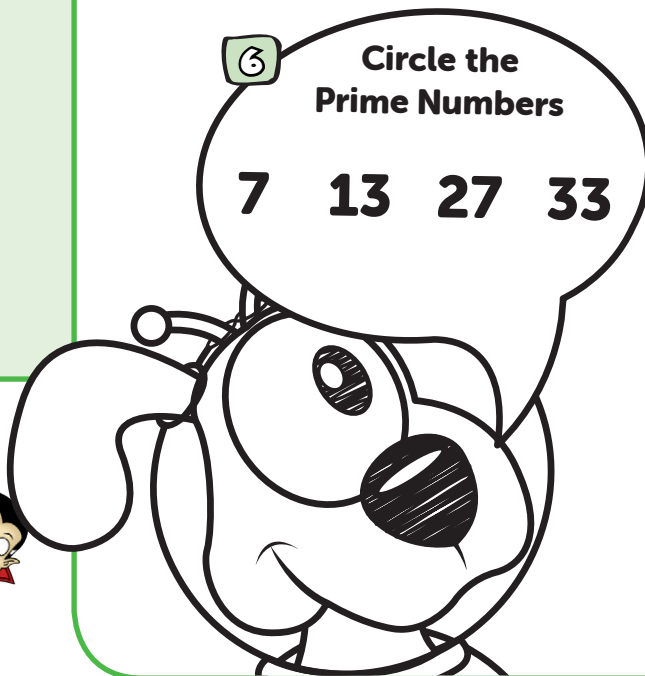
6 Circle the Prime Numbers
7 13 27 33

7 **5.96 + 2.78 =**

8 **7.2 - 4.6 =**

9 **396 ÷ 18 =**

10 **57384**
+ 25183





Name:

Class:

Date:

1 **3.748**

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

3

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

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

5 **0.006 x 1000 =**
5.8 ÷ 1000 =

6 Circle the Prime Numbers
4 5 13 15

7 **6.58 + 1.87 =**

8 **8.6 - 3.9 =**

9 **1248 ÷ 24 =**

10 **63875**
+ 21476





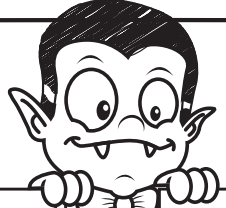
Name:

Class:

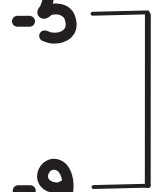
Date:


1 **8.263**

2 Round to the nearest 1,000
36,493

3 

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

4 **-5**  The gap is

-9 


5 **65.7 x 1000 =**

0.9 ÷ 1000 =


6 Circle the Prime Numbers

8 17 28 37


7 **4.67 + 7.84 =**




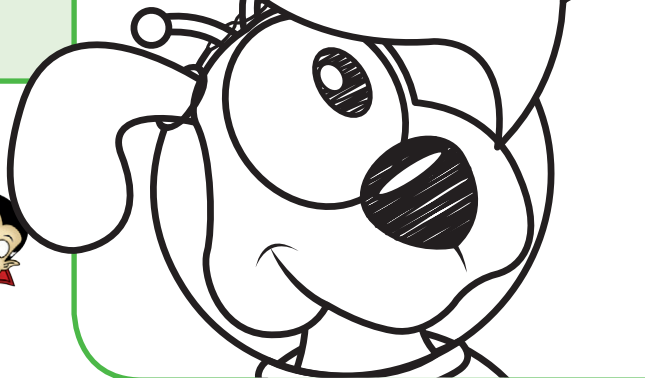
8 **5.1 - 1.4 =**



9 **800 ÷ 32 =**



10 **82647**
+ 43185



Name:

Class:

Date:

1 **7.194**

2 Round to the nearest 100
614,287

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

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

5 **24 x 1000 =**
3.85 ÷ 1000 =

6 Circle the Prime Numbers
5 7 15 51

7 **8.74 + 5.69 =**

8 **9.7 - 4.8 =**

9 **1872 ÷ 36 =**

10 **53684**
+ 19586





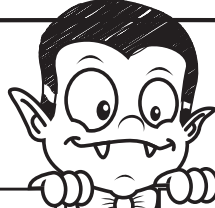
Name:

Class:


Date:


1 **1.956**

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

3 

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

4 **-2**  The gap is

-5 


5 **138.4 x 1000 =**

7 ÷ 1000 =


6 Circle the Prime Numbers

11 18 31 45


7 **3.85 + 8.67 =**




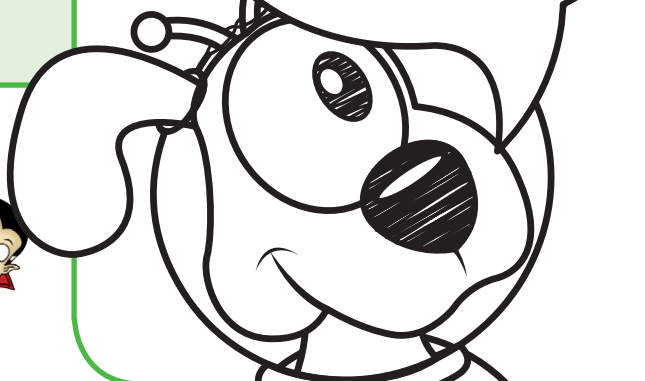
8 **6.5 - 2.7 =**



9 **570 ÷ 19 =**



10 **78306**
+ 26497



Name:

Class:

Date:

1 **9.861**

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

3

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

4 **-3** The gap is **-9**

5 **3.7 x 1000 =**
95800 ÷ 1000 =

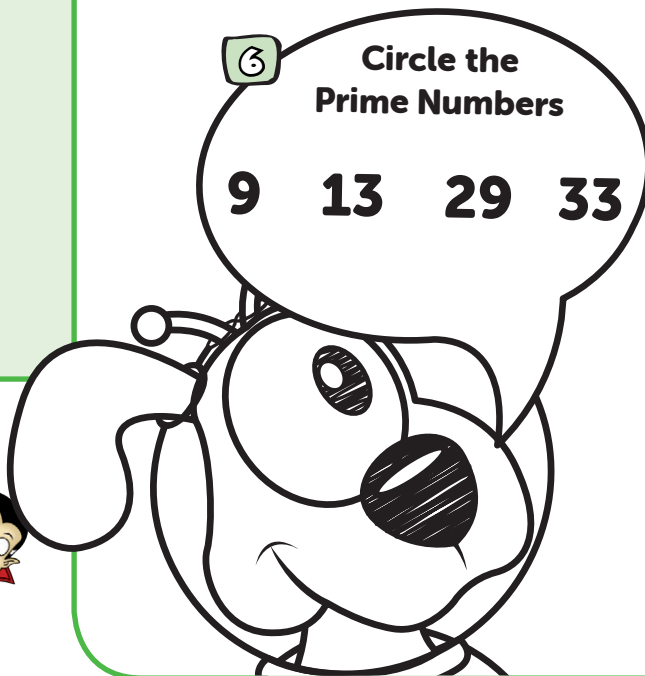
6 Circle the Prime Numbers
9 13 29 33

7 **7.68 + 6.35 =**

8 **7.3 - 1.5 =**

9 **2730 ÷ 26 =**

10 **93678**
+ 28475





Name:

Class:

Date:

1 **6.745**

2 Round to the nearest 1,000
784,569

3

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

4 **-1** } The gap is }
-6

5 **0.91 x 1000 =**
0.06 ÷ 1000 =

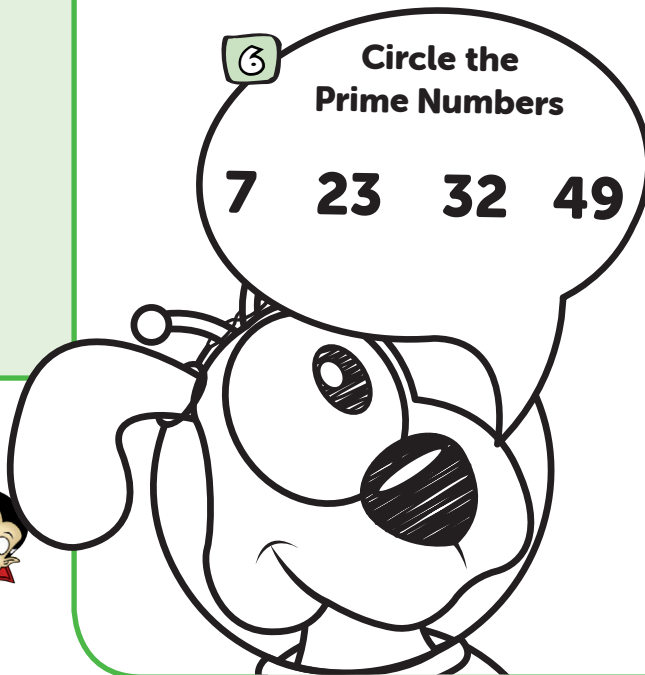
6 Circle the Prime Numbers
7 23 32 49

7 **9.39 + 4.86 =**

8 **8.4 - 3.6 =**

9 **924 ÷ 42 =**

10 **65837**
+ 78498





Name:

Class:

Date:

1

4.389

4 0.3 0.08 0.009

2 Round to the nearest 1000

2,567,328

2,567,000

3

25	0	-25	-50	-75
----	---	-----	-----	-----

4

-3

-7

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

81686

+ 66549

148235





Name:

Class:

Date:

1

2.615

2 0.6 0.01 0.005

2 Round to the nearest 100

84,657

84,700

3

0	-25	-50	-75	-100
---	-----	-----	-----	------

4

-1

-8

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

$4.63 + 1.74 =$

6.37

8

$6.3 - 4.8 =$

1.5

9

$308 \div 14 =$

22

10

$34821 + 12793 =$

47614





Name:

Class:

Date:

1

5.437

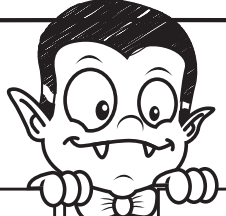
5 0.4 0.03 0.007

2 Round to the nearest 10,000

436,594

440,000

3



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

4

-4

The gap is

-9

5

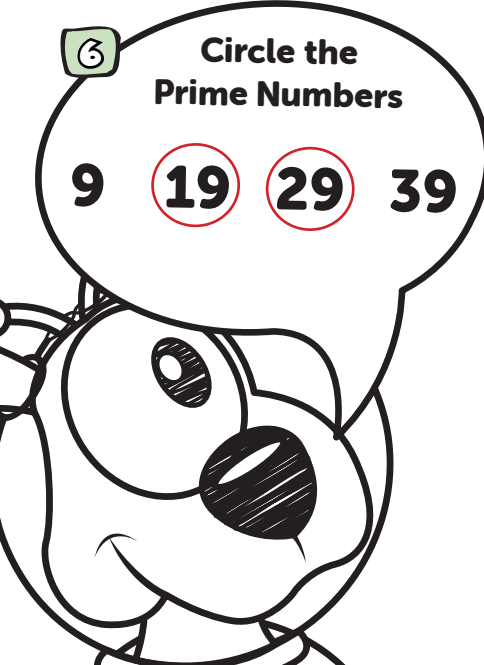
5

$0.75 \times 1000 = 750$

$182 \div 1000 = 0.182$

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:

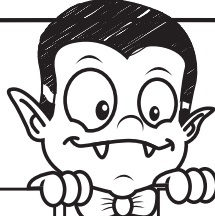
1 **6.572**

6 0.5 0.07 0.002

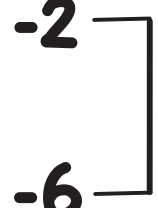
2 Round to the nearest 1,000,000

48,476,493

48,000,000

3 

-50	-75	-100	-125	-150
-----	-----	-------------	------	------

4 **-2**  The gap is

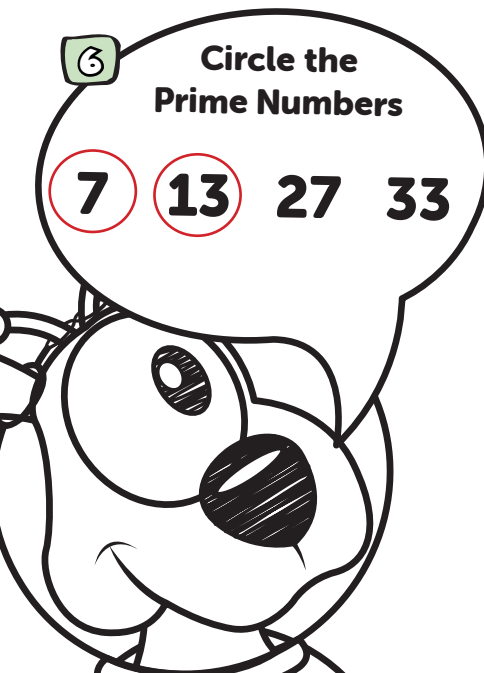
-6 **4**

5 $0.04 \times 1000 = \mathbf{40}$


$12 \div 1000 = \mathbf{0.012}$

6 Circle the Prime Numbers


7 13 27 33



7 $5.96 + 2.78 =$

8.74 


8 $7.2 - 4.6 =$

2.6 

9 $396 \div 18 =$

22 

10 $57384 + 25183 =$

82567 





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

3

-100	-125	-150	-175	-200
------	------	------	------	------

4

-3

The gap is

-8

5

5

$0.006 \times 1000 = 6$

$5.8 \div 1000 = 0.0058$

6 Circle the Prime Numbers

4 5 13 15

7

$6.58 + 1.87 =$

8.45

8

$8.6 - 3.9 =$

4.7

9

$1248 \div 24 =$

52

10

63875

+ 21476

85351





Name:

Class:

Date:

1

8.263

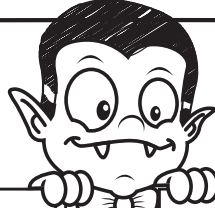
8 0.2 0.06 0.003

2 Round to the nearest 1,000

36,493

36,000

3



-200	-225	-250	-275	-300
------	------	------	------	------

4

-5

The gap is

-9

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

$800 \div 32 =$


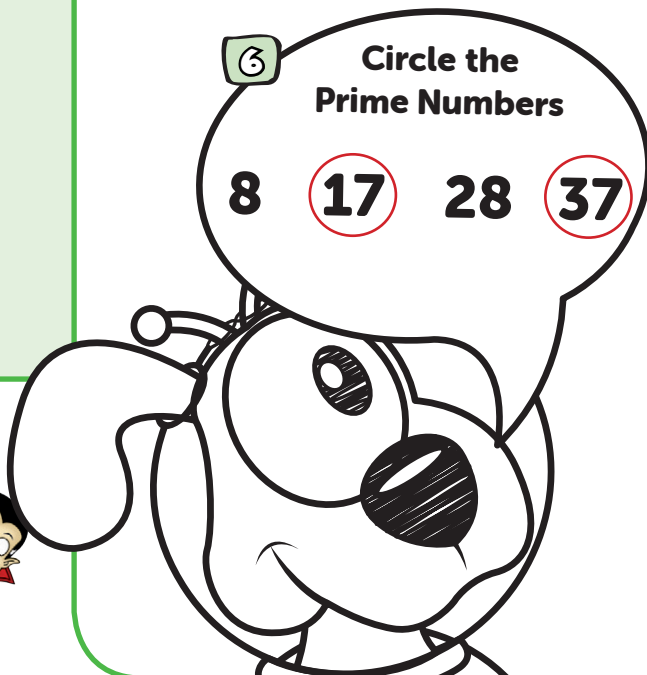
25



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 x 1000 = 24000

3.85 ÷ 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 ÷ 36 =

52

10

53684

+ 19586

73270





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

The gap is

-5

3

5

$138.4 \times 1000 = 138400$

$7 \div 1000 = 0.007$

6 Circle the Prime Numbers

11 18 31 45

7 $3.85 + 8.67 =$

12.52

8 $6.5 - 2.7 =$

3.8

9 $570 \div 19 =$

30

10

$78306 + 26497 =$

104803





Name:

Class:

Date:

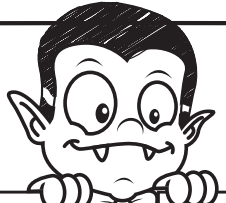
1 **9.861**

9 0.8 0.06 0.001

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 **3.7 x 1000 = 3700**

95800 ÷ 1000 = 95.8


6 Circle the Prime Numbers

9 13 29 33


7 **7.68 + 6.35 = 14.03**




8 **7.3 - 1.5 = 5.8**



9 **2730 ÷ 26 = 105**



10 **93678 + 28475 = 122153**






Name:

Class:

Date:

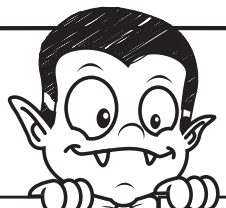
1 **6.745**

6 0.7 0.04 0.005


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 **0.91 x 1000 = 910**

0.06 ÷ 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 ÷ 42 =**

22 

10 **65837**

+ 78498

144335 

