

# 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: Count Along in 4 Ways	7	-1s / -2s / -5s / -25s   -25s
Q4	Counting: Counting Along Scales	6	I can find the gap between 2 negative numbers
Q5	INN: Multiplying by 10	5	I can multiply whole numbers and decimals by 1000
Q6	INN: Multiple-Factor-Prime	4	I understand prime numbers
Q7	Calculation: Addition	37	I can solve any additions with 2dp
Q8	Calculation: Subtraction	35	I can subtract numbers with tenths
Q9	Calculation: Division	30	I can combine 2 or more Coin Facts to solve division
Q10	Column Methods: Addition	10	I can solve any 5d + 5d



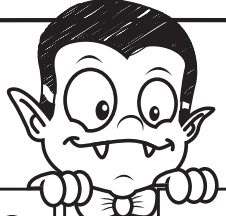
Name:

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**





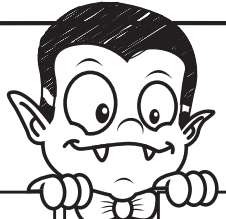

Name:

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**




MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....



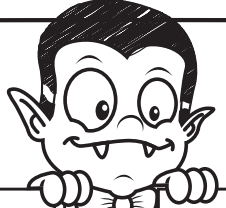
Name: \_\_\_\_\_

Class: \_\_\_\_\_


Date: \_\_\_\_\_

1 **5.437**

2 Round to the nearest 1000  
**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**





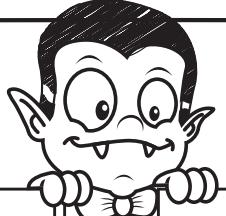

Name:

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**




MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....



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 35**

7 **6.58 + 1.87 =**

8 **8.6 - 3.9 =**

9 **1248 ÷ 24 =**

10 **63875**  
**+ 21476**



MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....



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** **-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**



MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....



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**





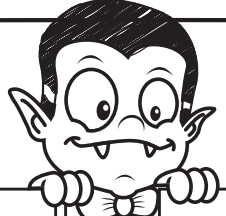
Name:

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 =**


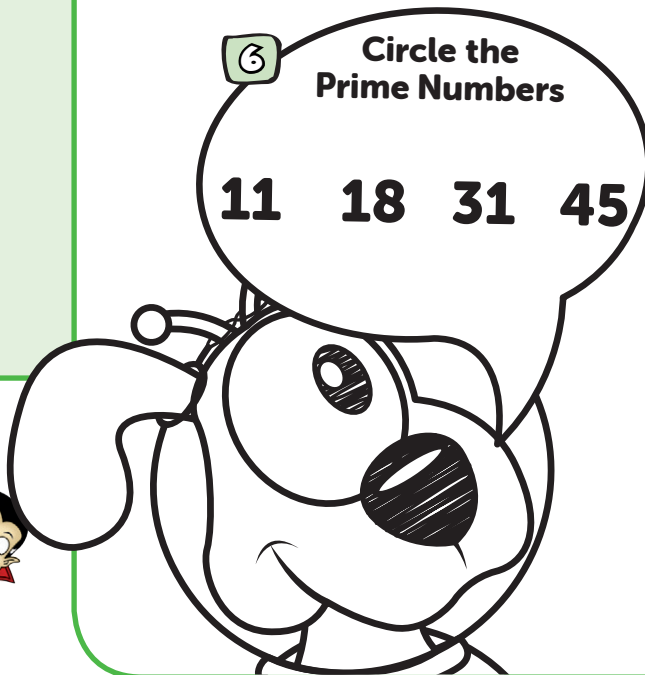


9 **570 ÷ 19 =**



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  $3.7 \times 1000 =$   
 $95800 \div 1000 =$

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?! .....



Name:

Class:

Date:

1 **6.745**

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

3 

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

4 

-1
-6

 The gap is

5  $0.91 \times 1000 =$   
 $0.06 \div 1000 =$

6 Circle the Prime Numbers  
**7 23 32 49**

7  $9.39 + 4.86 =$

8  $8.4 - 3.6 =$

9  $924 \div 42 =$

10  $65837 + 78498$





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

The gap is

**4**

-7

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**



# Big Maths BEAT THAT!

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

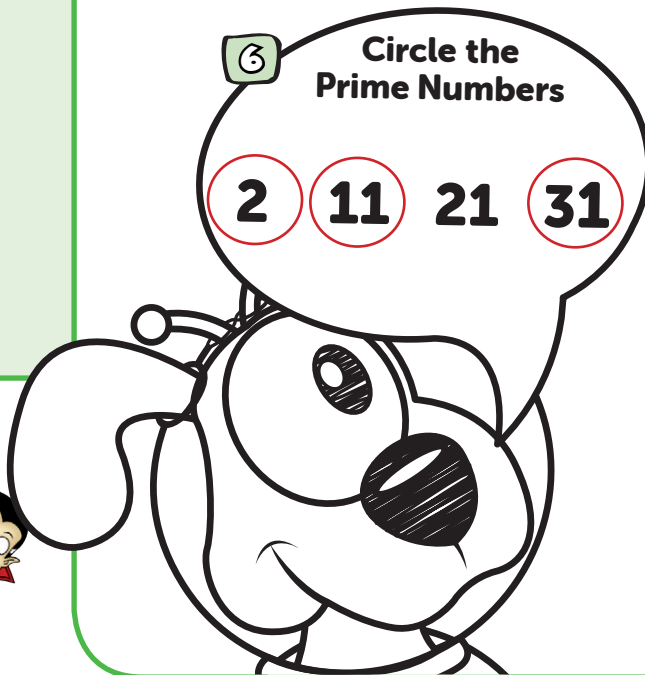
$308 \div 14 =$

22

10

$34821 + 12793 =$

47614



# Big Maths BEAT THAT!

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

1

5.437

5    0.4    0.03    0.007

2

Round to the nearest 1000

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



MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....



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	<b>-100</b>	-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  $5.96 + 2.78 = \mathbf{8.74}$

8  $7.2 - 4.6 = \mathbf{2.6}$

9  $396 \div 18 = \mathbf{22}$

10 
$$\begin{array}{r} 57384 \\ + 25183 \\ \hline \mathbf{82567} \end{array}$$



MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....



Name:

Class:

Date:

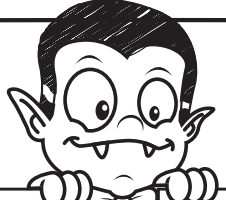
1 **3.748**

3    0.7    0.04    0.008

2 Round to the nearest 10, 000

**8, 319, 564**

**8, 320, 000**

3 

-100	<b>-125</b>	-150	-175	-200
------	-------------	------	------	------

4 **-3**    The gap is

**-8**

**5**

5

**0.006 x 1000 = 6**

**5.8 ÷ 1000 = 0.0058**


6 Circle the Prime Numbers

**4**    **5**    **13**    **35**




7 **6.58 + 1.87 =**

**8.45**




8 **8.6 - 3.9 =**

**4.7**



9 **1248 ÷ 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



MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....



Name:

Class:

Date:

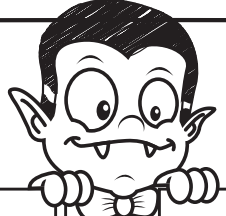
1 **7.194**

7    0.1   0.09   0.004

2 Round to the nearest 100

**614, 287**

**614, 300**

3 

-350	<b>-375</b>	-400	-425	-450
------	-------------	------	------	------

4 **-4**    The gap is

**-7**    **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**




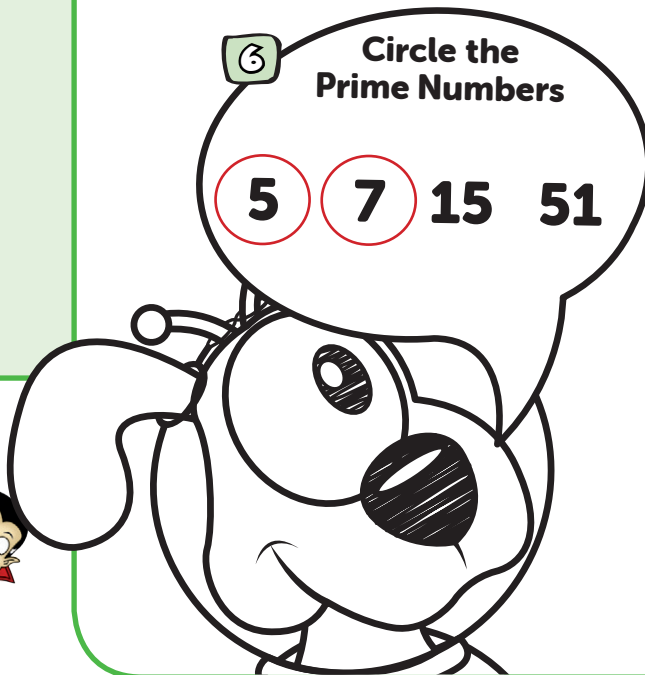
10

**53684**

**+ 19586**

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**73270**

MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....

# Big Maths 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	<b>-500</b>	-525
------	------	------	-------------	------

4

-2

-5

The gap is

**3**

5

$138.4 \times 1000 = \mathbf{138400}$

$7 \div 1000 = \mathbf{0.007}$

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**

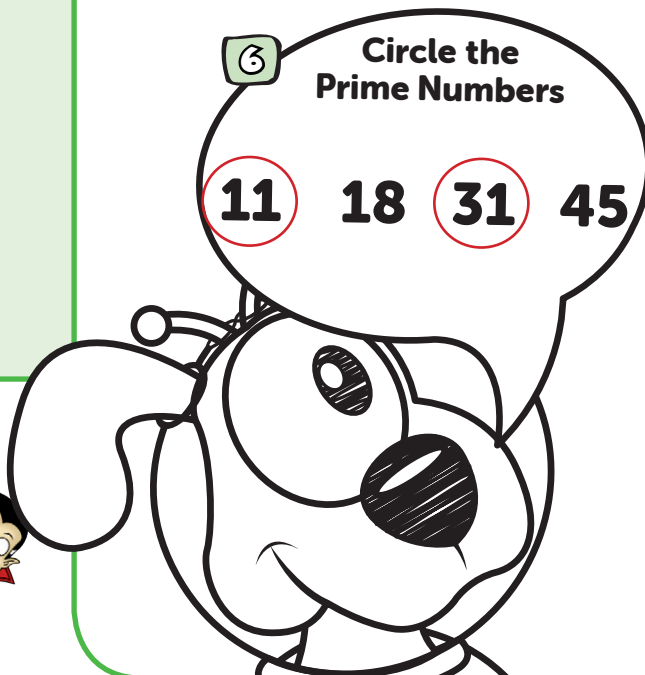
10

$78306$

$+ 26497$

---

**104803**



# Big Maths BEAT THAT!

Name: \_\_\_\_\_

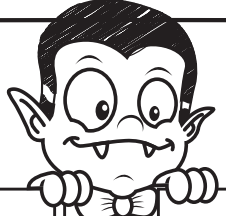
Class: \_\_\_\_\_

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	<b>-625</b>	-650	-675
------	------	-------------	------	------

4 **-3**  The gap is  
**6**

**-9**

5  $3.7 \times 1000 = \mathbf{3700}$   
 $95800 \div 1000 = \mathbf{95.8}$

6 Circle the Prime Numbers


**9   13   29   33**




7  $7.68 + 6.35 =$   
**14.03**



8  $7.3 - 1.5 =$   
**5.8**



9  $2730 \div 26 =$   
**105**



10  $93678$   
 $+ 28475$   
**122153**






Name:

Class:

Date:

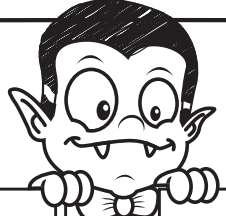
1 **6.745**

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**



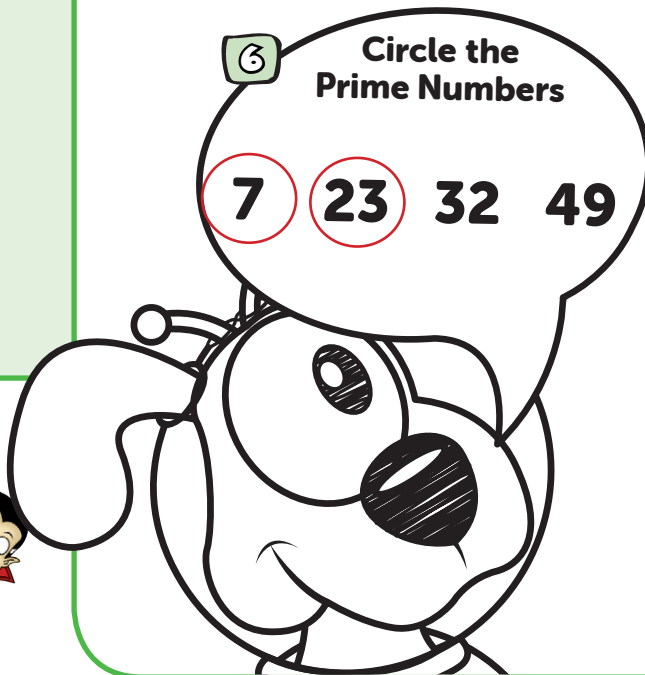
10

**65837**

**+ 78498**

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**144335**

MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....