

Big Maths Beat That!: Teacher Notes

CLIC Challenge 19			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Mastery of Numbers	10	I can understand numbers with different decimal places
Q2	Counting: Counting Along Scales	7	I can find the gap between a negative number and a positive number
Q3	Calc: +	41	I can solve any 2dp + 1dp
Q4	Calc: -	37	I can subtract numbers with different decimal places
Q5	Calc: x	18	I can solve 1d x 1d.2dp
Q6	Counting: Place Value	5	I can partition a 3dp number
Q7	Column Methods: +	14	I can add numbers with mixed amounts of decimal places
Q8	Column Methods: -	12	I can subtract numbers with mixed amount of dp
Q9	INN: Multiplying by 10 / Dividing by 10	5 / 5	I can multiply / divide whole numbers and decimals by 1000
Q10	Calc: ÷	30	I can combine 2 or more coin facts to solve division

Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
1.444 1.71 1.6

2 $\begin{array}{r} 4 \\ -10 \\ \hline \end{array}$ The gap is

3 $8.67 + 9.8 =$

4 $5.6 - 3.75 =$

5 $6 \times 2.37 =$

6 4.389

 / / | /\

7 $8.689 + 6.54 =$

8 $8.625 - 4.8 =$

9 $4.31 \times 1000 =$
 $134.8 \div 1000 =$

10 $273 \div 13 =$





Name:

Class:

Date:

1 Place in order
3.8 3.286 3.82

2 $\begin{matrix} 3 \\ -6 \end{matrix}$ The gap is

3 $4.36 + 5.9 =$

4 $8.4 - 5.84 =$

5 $3 \times 5.24 =$

6 2.615

7 $3.475 + 5.86 =$

8 $3.463 - 1.7 =$

9 $1.3 \times 1000 =$
 $1468 \div 1000 =$

10 $308 \div 14 =$



MY LAST SCORE?!

HAVE I BEAT THAT?!



Name:

Class:

Date:

1 Place in order
2.61 2.604 2.7

2 5] The gap is
-7]

3 $6.54 + 3.7 =$

4 $7.8 - 2.52 =$

5 $5 \times 4.68 =$

6 5.437

/ / | /

7 $4.928 + 12.63 =$

8 $5.718 - 2.84 =$

9 $0.75 \times 1000 =$
 $182 \div 1000 =$

10 $480 \div 16 =$





Name:

Class:

Date:

1 Place in order
4.057 4.7 4.57

2 The gap is

7
-4

3 $7.85 + 4.6 =$

4 $6.37 - 4.6 =$

5 $4 \times 8.56 =$

6 6.572

7 $7.37 + 8.956 =$

8 $4.346 - 1.56 =$

9 $0.04 \times 1000 =$
 $12 \div 1000 =$

10 $396 \div 18 =$





Name:

Class:

Date:

1 Place in order
6.3 6.18 6.381

2 The gap is
8
-5

3 $5.79 + 6.5 =$

4 $4.51 - 1.8 =$

5 $7 \times 1.85 =$

6 3.748

7 $9.536 + 4.88 =$

8 $13.4 - 6.83 =$

9 $0.006 \times 1000 =$
 $5.8 \div 1000 =$

10 $1248 \div 24 =$





Name:

Class:

Date:


1 Place in order
5.86 5.6 5.876

2 $\begin{matrix} 9 \\ -3 \end{matrix}$ The gap is


3 $9.33 + 8.8 =$




4 $5.32 - 3.7 =$




5 $8 \times 3.43 =$




6 8.263



7 $13.6 + 5.74 =$




8 $42.3 - 7.56 =$



9 $65.7 \times 1000 =$
 $0.9 \div 1000 =$

10 $800 \div 32 =$






Name:

Class:

Date:

1 Place in order
7.463 7.34 7.6

2 10 — The gap is
-8 —

3 $8.53 + 7.8 =$

4 $3.7 - 1.645 =$

5 $4 \times 7.63 =$

6 7.194

7 $12.468 + 9.8 =$

8 $6.4 - 3.176 =$

9 $24 \times 1000 =$
 $3.85 \div 1000 =$

10 $1872 \div 36 =$





Name: _____

Class: _____

Date: _____

1 Place in order
9.516 9.5 9.52

2 $\begin{array}{l} 2 \\ -10 \end{array}$ The gap is

3 $4.86 + 8.5 =$

4 $5.4 - 3.784 =$

5 $6 \times 4.74 =$

6 1.956
/ / / /

7 $12.468 + 9.8 =$

8 $2.8 - 1.764 =$

9 $138.4 \times 1000 =$
 $7 \div 1000 =$

10 $570 \div 19 =$





Name:

Class:

Date:

1 Place in order
8.07 8.162 8.1

2 $\begin{matrix} 4 \\ -6 \end{matrix}$ The gap is

3 $6.47 + 6.7 =$

4 $8.25 - 2.378 =$

5 $9 \times 8.52 =$

6 9.861

7 $1.85 + 8.069 + 15.4 =$

8 $18.1 - 6.748 =$

9 $3.7 \times 1000 =$
 $95800 \div 1000 =$

10 $2730 \div 26 =$





Name:

Class:

Date:

1 Place in order
3.465 3.4 3.45

2 The gap is
8
-9

3 $7.75 + 9.3 =$

4 $7.68 - 3.546 =$

5 $8 \times 6.57 =$

6 6.745

7 $273.82 + 7.5 + 6.148 =$

8 $25.3 - 7.654 =$

9 $0.91 \times 1000 =$
 $0.06 \div 1000 =$

10 $924 \div 42 =$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10

Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____


1 Place in order
 1.444 1.71 1.6
1.444 1.6 1.71

2 $\begin{array}{|l} 4 \\ -10 \end{array}$ The gap is **14**


3 $8.67 + 9.8 =$
18.47



4 $5.6 - 3.75 =$ **1.85**



5 $6 \times 2.37 =$ **14.22**




6 4.389
 4 0.3 0.08 0.009

7 $8.689 + 6.54 =$
15.229




8 $8.625 - 4.8 =$
3.825



9 $4.31 \times 1000 =$ **4310**
 $134.8 \div 1000 =$ **0.1348**

10 $273 \div 13 =$ **21**




Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____


1 Place in order
3.8 3.286 3.82
3.286 3.8 3.82

2 $\begin{array}{|l} 3 \\ -6 \\ \hline \end{array}$ The gap is **9**


3 $4.36 + 5.9 =$
10.26




4 $8.4 - 5.84 =$ **2.56**




5 $3 \times 5.24 =$ **15.72**




6 2.615
2 0.6 0.01 0.005



7 $3.475 + 5.86 =$
9.335




8 $3.463 - 1.7 =$
1.763



9 $1.3 \times 1000 =$ **1300**
 $1468 \div 1000 =$ **1.468**

10 $308 \div 14 =$ **22**






Name:

Class:

Date:

1 Place in order
2.61 2.604 2.7
2.604 2.61 2.7

2 $\begin{array}{|l} 5 \\ -7 \end{array}$ The gap is
12

3 $6.54 + 3.7 =$
10.24

4 $7.8 - 2.52 =$ **5.28**

5 $5 \times 4.68 =$ **23.4**

6 5.437
5 0.4 0.03 0.007

7 $4.928 + 12.63 =$
17.558

8 $5.718 - 2.84 =$
2.878

9 $0.75 \times 1000 =$ **750**
 $182 \div 1000 =$ **0.182**

10 $480 \div 16 =$ **30**





Name:

Class:

Date:

1 Place in order
4.057 4.7 4.57
4.057 4.57 4.7

2 $\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$ The gap is
11

3 $7.85 + 4.6 =$
12.45

4 $6.37 - 4.6 =$ **1.77**

5 $4 \times 8.56 =$ **34.24**

6 6.572
 $\begin{array}{cccc} / & / & | & / \\ 6 & 0.5 & 0.07 & 0.002 \end{array}$

7 $7.37 + 8.956 =$
16.326

8 $4.346 - 1.56 =$
2.786

9 $0.04 \times 1000 =$ **40**
 $12 \div 1000 =$ **0.012**

10 $396 \div 18 =$ **22**



Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
6.3 6.18 6.381
6.18 6.3 6.381

2 The gap is
8
-5
13

3 $5.79 + 6.5 =$
12.29

4 $4.51 - 1.8 =$ 2.71

5 $7 \times 1.85 =$ 12.95

6 3.748
3 0.7 0.04 0.008

7 $9.536 + 4.88 =$
14.416

8 $13.4 - 6.83 =$
6.57

9 $0.006 \times 1000 =$ 6
 $5.8 \div 1000 =$ 0.0058

10 $1248 \div 24 =$ 52





Name: _____

Class: _____

Date: _____

1 Place in order
5.86 5.6 5.876
5.6 5.86 5.876

2 The gap is
9
-3
12

3 $9.33 + 8.8 =$
18.13

4 $5.32 - 3.7 =$ 1.62

5 $8 \times 3.43 =$ 27.44

6 8.263
8 0.2 0.06 0.003

7 $13.6 + 5.74 =$
19.34

8 $42.3 - 7.56 =$
34.74

9 $65.7 \times 1000 =$ 65700
 $0.9 \div 1000 =$ 0.0009

10 $800 \div 32 =$ 25



Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
7.463 7.34 7.6
7.34 7.463 7.6

2 $10 - 8 =$
The gap is
18

3 $8.53 + 7.8 =$
16.33

4 $3.7 - 1.645 =$
2.055

5 $4 \times 7.63 =$
30.52

6 7.194
7 0.1 0.09 0.004

7 $12.468 + 9.8 =$
22.268

8 $6.4 - 3.176 =$
3.224

9 $24 \times 1000 =$
24000
 $3.85 \div 1000 =$
0.00385

10 $1872 \div 36 =$
52



Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____


1 Place in order
9.516 9.5 9.52
9.5 9.516 9.52

2 $\begin{array}{r} 2 \\ -10 \\ \hline \end{array}$ The gap is **12**


3 $4.86 + 8.5 =$
13.36




4 $5.4 - 3.784 =$ **1.616**




5 $6 \times 4.74 =$ **28.44**




6 1.956
1 0.9 0.05 0.006



7 $12.468 + 9.8 =$
22.268




8 $2.8 - 1.764 =$
1.036



9 $138.4 \times 1000 =$ **138400**
 $7 \div 1000 =$ **0.007**

10 $570 \div 19 =$ **30**





Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
8.07 8.162 8.1
8.07 8.1 8.162

2 $\begin{array}{|l} 4 \\ -6 \\ \hline \end{array}$ The gap is
10

3 $6.47 + 6.7 =$
13.17

4 $8.25 - 2.378 =$
5.872

5 $9 \times 8.52 =$
76.68

6 9.861
 $\begin{array}{cccc} / & / & | & / \\ 9 & 0.8 & 0.06 & 0.001 \end{array}$

7 $1.85 + 8.069 +$
 $15.4 =$
25.319

8 $18.1 - 6.748 =$
11.352

9 $3.7 \times 1000 =$
3700
 $95800 \div 1000 =$
95.8

10 $2730 \div 26 =$
105





Name:

Class:

Date:

1 Place in order
3.465 3.4 3.45
3.4 3.45 3.465

2 $\begin{array}{r} 8 \\ -9 \\ \hline \end{array}$ The gap is
17

3 $7.75 + 9.3 =$
17.05

4 $7.68 - 3.546 =$ **4.134**

5 $8 \times 6.57 =$ **52.56**

6 6.745
 $\begin{array}{cccc} & / & / & / & / \\ 6 & 0.7 & 0.04 & 0.005 \end{array}$

7 $273.82 + 7.5 +$
 $6.148 =$
287.468

8 $25.3 - 7.654 =$
17.646

9 $0.91 \times 1000 =$ **910**
 $0.06 \div 1000 =$ **0.00006**

10 $924 \div 42 =$ **22**

