

Big Maths Beat That!: Teacher Notes

CLIC Challenge 12			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Place Value	3	I can partition a 1dp number
Q2	Counting: Mastery of Numbers	4	I can understand 3d numbers
Q3	INN: Doubling with Pim (With Crossing 10)	5	I can double 3d numbers
Q4	INN: Multiplication	3	I can write Smile Multiplication Fact Families
Q5	Calculation: Addition	28	I can solve 3d + 3d
Q6	Calculation: Multiplication	11	I can solve 1d x 2d
Q7	Calculation: Division	19	I can combine 2 or more Tables Facts to solve division (with remainders)
Q8	Column Methods: Addition	6	I can solve any 3d + 3d
Q9	Column Methods: Multiplication	1	I can solve a 2d x 1d
Q10	Column Methods: Division	1	I can solve a 2d ÷ 1d (using x2, 3, 4, 5) with no remainders inside the question



Name:

Class:

Date:

1 4.6

2 Place in order
311 131 331

3 Double
437 is

4 Write the fact family for
 $4 \times 30 = 120$

.....

.....

.....

5 $431 + 325 =$

6 $3 \times 82 =$

7 $53 \div 4 =$

8 686
 $+ 549$

9 35
 $\times 5$

10 $3 \overline{)69}$





Name:

Class:

Date:

1 3.7

2 Place in order
254 543 245

3 Double
348 is

4 Write the fact family for
 $5 \times 40 = 200$

.....

.....

.....

5 $526 + 231 =$

6 $4 \times 73 =$

7 $37 \div 3 =$

8 753
 $+ 839$

9 64
 $\times 4$

10 $2 \overline{)48}$





Name:

Class:

Date:

1 **5.8**

2 Place in order
627 672 276

3 Double
264 is

4 Write the fact family for
3 x 50 = 150

.....

.....

.....

5 **642 + 253 =**

6 **5 x 64 =**

7 **68 ÷ 5 =**

8 **937**
+ 382

9 **84**
x 3

10 **4 | 84**





Name:

Class:

Date:

1 7.4

2 Place in order
539 395 359

3 Double
186 is

4 Write the fact family for
 $80 \div 2 = 40$

.....

.....

.....

5 $215 + 462 =$

6 $2 \times 87 =$

7 $29 \div 2 =$

8 $478 + 861$

9 78×2

10 $5 \overline{)55}$





Name:

Class:

Date:

1

2.9

2 Place in order
468 846 486

3 Double
397 is

4 Write the fact family for
210 ÷ 3 = 70

.....

.....

.....

5 704 + 185 =

6 3 x 55 =

7 69 ÷ 4 =

8

$$\begin{array}{r} 568 \\ + 597 \\ \hline \end{array}$$

9

$$\begin{array}{r} 57 \\ \times 5 \\ \hline \end{array}$$

10

$$3 \overline{)93}$$




Name:

Class:

Date:

1 **8.5**

2 **Place in order**
743 473 437

3 **Double**
628 is

4 **Write the fact family for**
8 x 40 = 320

.....

.....

.....

5 **442 + 356 =**

6 **4 x 68 =**

7 **58 ÷ 3 =**

8

$$\begin{array}{r} 783 \\ + 627 \\ \hline \end{array}$$

9

$$\begin{array}{r} 74 \\ \times 4 \\ \hline \end{array}$$

10

$$2 \overline{)64}$$




Name:

Class:

Date:

1 9.3

2 Place in order
390 309 903

3 Double
756 is

4 Write the fact family for
 $9 \times 500 = 4500$

.....

.....

.....

5 $538 + 241 =$

6 $5 \times 47 =$

7 $71 \div 5 =$

8 857
 $+ 466$

9 66
 $\times 3$

10 $4 \overline{)44}$





Name:

Class:

Date:

1 6.2

2 Place in order
681 861 816

3 Double
875 is

4 Write the fact family for
 $270 \div 30 = 9$

.....

.....

.....

5 $653 + 125 =$

6 $3 \times 76 =$

7 $53 \div 4 =$

8 $285 + 936$

9 97×2

10 $3 \overline{)96}$





Name:

Class:

Date:

1 **3.4**

2 Place in order
574 754 547

3 Double
966 is

4 Write the fact family for
7 x 300 = 2100

.....

.....

.....

5 **725 + 162 =**

6 **4 x 39 =**

7 **50 ÷ 3 =**

8 **748**
+ 586

9 **86**
x 5

10 **2 | 86**



MY LAST SCORE?!

HAVE I BEAT THAT?!



Name: _____

Class: _____

Date: _____

1 7.6

Diagram showing 7.6 with two diagonal lines extending downwards from the decimal point.

2 Place in order
 $453 \quad 435 \quad 543$

3 Double
586 is

4 Write the fact family for
 $3200 \div 4 = 800$

.....

.....

.....

5 $417 + 552 =$

6 $5 \times 74 =$

7 $86 \div 5 =$

8 835
 $+ 968$

9 93
 $\times 4$

10 $3 \overline{)39}$





Name:

Class:

Date:

1

$$\begin{array}{r} 4.6 \\ / \quad \backslash \\ 4 \quad 0.6 \end{array}$$

2 Place in order
311 131 331
131 311 331

3 Double
437 is
874

4 Write the fact family for
4 x 30 = 120
30 x 4 = 120
.....
120 ÷ 30 = 4
.....
120 ÷ 4 = 30
.....

5 **431 + 325 =**
756

6 **3 x 82 =**
246

7 **53 ÷ 4 =**
13 r 1

8 **686**
+ 549
1235

9

$$\begin{array}{r} 35 \\ \times 5 \\ \hline 175 \end{array}$$

10

$$\begin{array}{r} 23 \\ 3 \overline{)69} \end{array}$$




Name:

Class:

Date:

1

$$\begin{array}{r} 3.7 \\ / \quad \backslash \\ 3 \quad 0.7 \end{array}$$

2 Place in order
254 543 245
245 254 543

3 Double
348 is
696

4 Write the fact family for
5 x 40 = 200
40 x 5 = 200
.....
200 ÷ 40 = 5
.....
200 ÷ 5 = 40
.....

5 **526 + 231 =**
757

6 **4 x 73 =**
292

7 **37 ÷ 3 =**
12 r 1

8 **753**
+ 839
1592

9 **64**
x 4
256

10 **24**
2 | 48





Name:

Class:

Date:

1

$$\begin{array}{r} 5.8 \\ / \quad \backslash \\ 5 \quad 0.8 \end{array}$$

2 Place in order
627 672 276
276 627 672

3 Double
264 is
528

4 Write the fact family for
3 x 50 = 150
50 x 3 = 150
150 ÷ 3 = 50
150 ÷ 50 = 3

5 642 + 253 =
895

6 5 x 64 =
320

7 68 ÷ 5 =
13 r 3

8

$$\begin{array}{r} 937 \\ + 382 \\ \hline 1319 \end{array}$$

9

$$\begin{array}{r} 84 \\ \times 3 \\ \hline 252 \end{array}$$

10

$$\begin{array}{r} 21 \\ 4 \overline{)84} \end{array}$$




Name:

Class:

Date:

1

$$\begin{array}{r} 7.4 \\ / \quad \backslash \\ 7 \quad 0.4 \end{array}$$

2 Place in order
539 395 359
359 395 539

3 Double
186 is
372

4 Write the fact family for
 $80 \div 2 = 40$
 $80 \div 40 = 2$
.....
 $2 \times 40 = 80$
.....
 $40 \times 2 = 80$
.....

5 $215 + 462 =$
677

6 $2 \times 87 =$
174

7 $29 \div 2 =$
14 r 1

8
$$\begin{array}{r} 478 \\ + 861 \\ \hline 1339 \end{array}$$

9
$$\begin{array}{r} 78 \\ \times 2 \\ \hline 156 \end{array}$$

10
$$\begin{array}{r} 11 \\ 5 \overline{)55} \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name:

Class:

Date:

1

$$\begin{array}{c} 2.9 \\ / \quad \backslash \\ 2 \quad 0.9 \end{array}$$

2 Place in order
468 846 486
468 486 846

3 Double
397 is
794

4 Write the fact family for
210 ÷ 3 = 70
3 x 70 = 210
.....
70 x 3 = 210
.....
210 ÷ 70 = 3
.....

5 **704 + 185 =**
889

6 **3 x 55 =**
165

7 **69 ÷ 4 =**
17 r 1

8 **568**
+ 597
1165

9 **57**
x 5
285

10 **31**
3 | 93





Name:

Class:

Date:

1

$$\begin{array}{c} 8.5 \\ / \quad \backslash \\ 8 \quad 0.5 \end{array}$$

2 Place in order
743 473 437
437 473 743

3 Double
628 is
1256

4 Write the fact family for
8 x 40 = 320
40 x 8 = 320
.....
320 ÷ 40 = 8
.....
320 ÷ 8 = 40
.....

5 **442 + 356 =**
798

6 **4 x 68 =**
272

7 **58 ÷ 3 =**
19 r 1

8

$$\begin{array}{r} 783 \\ + 627 \\ \hline 1410 \end{array}$$

9

$$\begin{array}{r} 74 \\ \times 4 \\ \hline 296 \end{array}$$

10

$$\begin{array}{r} 32 \\ 2 \overline{)64} \end{array}$$




Name:

Class:

Date:

1

$$\begin{array}{c} 9.3 \\ / \quad \backslash \\ 9 \quad 0.3 \end{array}$$

2 Place in order
390 309 903
309 390 903

3 Double
756 is
1512

4 Write the fact family for
9 x 500 = 4500
500 x 9 = 4500
4500 ÷ 9 = 500
4500 ÷ 500 = 9

5 **538 + 241 =**
779

6 **5 x 47 =**
235

7 **71 ÷ 5 =**
14 r 1

8 **857**
+ 466
1323

9 **66**
x 3
198

10 **11**
4 | 44





Name:

Class:

Date:

1

$$\begin{array}{r} 6.2 \\ / \quad \backslash \\ 6 \quad 0.2 \end{array}$$

2 Place in order
681 861 816
681 816 861

3 Double
875 is
1750

4 Write the fact family for
 $270 \div 30 = 9$
 $270 \div 9 = 30$
 $30 \times 9 = 270$
 $9 \times 30 = 270$

5 $653 + 125 =$
778

6 $3 \times 76 =$
228

7 $53 \div 4 =$
13 r 1

8
$$\begin{array}{r} 285 \\ + 936 \\ \hline 1221 \end{array}$$

9
$$\begin{array}{r} 97 \\ \times 2 \\ \hline 194 \end{array}$$

10
$$\begin{array}{r} 32 \\ 3 \overline{)96} \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!



Name:

Class:

Date:

1

$$\begin{array}{r} 3.4 \\ / \quad \backslash \\ 3 \quad 0.4 \end{array}$$

2 Place in order
574 754 547
547 574 754

3 Double
966 is
1932

4 Write the fact family for
7 x 300 = 2100
300 x 7 = 2100
2100 ÷ 300 = 7
2100 ÷ 7 = 300

5 **725 + 162 =**
887

6 **4 x 39 =**
156

7 **50 ÷ 3 =**
16 r 2

8 **748**
+ 586
1334

9 **86**
x 5
430

10 **43**
2 | 86





Name:

Class:

Date:

1

$$\begin{array}{c} 7.6 \\ / \quad \backslash \\ 7 \quad 0.6 \end{array}$$

2 Place in order
453 435 543
435 453 543

3 Double
586 is
1172

4 Write the fact family for
3200 ÷ 4 = 800
3200 ÷ 800 = 4
.....
4 x 800 = 3200
.....
800 x 4 = 3200
.....

5 **417 + 552 =**
969

6 **5 x 74 =**
370

7 **86 ÷ 5 =**
17 r 1

8 **835**
+ 968
1803

9 **93**
x 4
372

10 **13**
3 | 39

