

Big Maths Beat That!: Teacher Notes

CLIC Challenge 15			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Core Numbers	7	I can understand 2dp numbers
Q2	INN: Halving	6	I can halve any 3d number
Q3	INN: Where's Mully	3	I can find Mully using Smile Multiplication
Q4	INN: Pom's Words	2	I can find factors
Q5	Calc: -	30	I can solve any 3d - 2d
Q6	Calc: ÷	21	I can use a Tables Fact to find a division fact
Q7	Calc: ÷	23	I can combine 2 or more Tables Facts to solve division
Q8	Column Methods: -	7	I can solve any 4d - 4d
Q9	Column Methods: x	3	I can solve any 3d x 1d
Q10	Column Methods: ÷	5	I can solve a 4d ÷ 1d (using any table) No remainders in answer

Big Maths BEAT THAT!

Name:

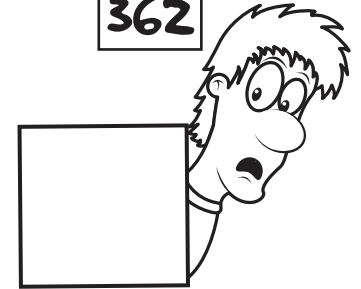
Class:

Date:

1 Place in order
4.21 2.41 2.21

2 Half of 356 is

3 Mully is hiding
behind the biggest
multiple of 4
without going past
362



4 Write down 5 factors
of 36:

5 $476 - 84 =$

6 $50 \div 6 =$

7 $80 \div 6 =$

8
$$\begin{array}{r} 5685 \\ - 4749 \\ \hline \end{array}$$

9
$$\begin{array}{r} 385 \\ \times 6 \\ \hline \end{array}$$

10
$$9 \overline{)3654}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
5.73 5.37 7.53

2 Half of 438 is

3 Mully is hiding
behind the biggest
multiple of 3
without going past

271



4 Write down 4 factors
of 12:

5 $682 - 35 =$

6 $47 \div 9 =$

7 $120 \div 9 =$

8
$$\begin{array}{r} 8342 \\ - 2615 \\ \hline \end{array}$$

9
$$\begin{array}{r} 472 \\ \times 8 \\ \hline \end{array}$$

10
$$6 \overline{)3270}$$

The Big Maths
CLIC Challenges!

MY LAST SCORE?!

HAVE I BEAT THAT?!

10

Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

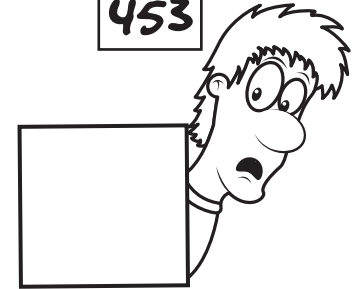


1 Place in order
3.84 4.83 4.38

2 Half of 674 is

3 Mully is hiding
behind the biggest
multiple of 5
without going past

453



4 Write down 6 factors
of 24:

5 $543 - 72 =$



6 $60 \div 8 =$



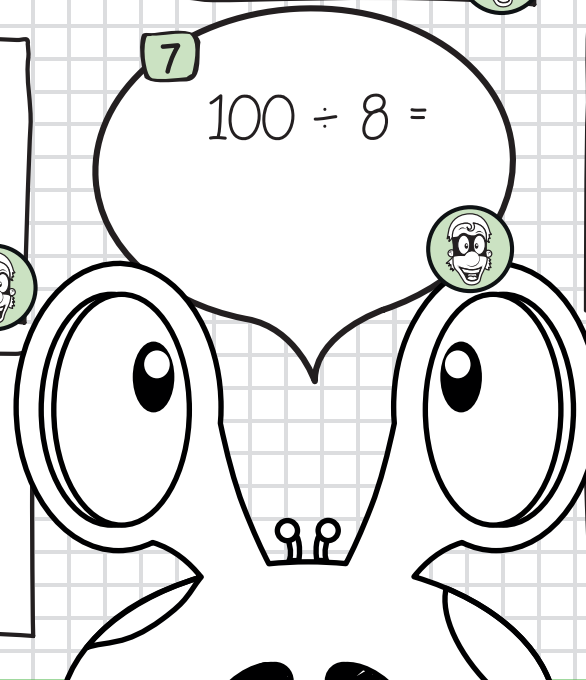
7 $100 \div 8 =$

8
$$\begin{array}{r} 6157 \\ - 2873 \\ \hline \end{array}$$



9
$$\begin{array}{r} 285 \\ \times 7 \\ \hline \end{array}$$

10
$$7 \overline{)5061}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

Big Maths BEAT THAT!

Name: _____


Class: _____

Date: _____

1 Place in order
6.51 5.61 6.15


2 Half of **532** is

3 Mully is hiding behind the biggest multiple of **6** without going past **425**




4 Write down 6 factors of 40:


5 $218 - 63 =$




6 $53 \div 7 =$




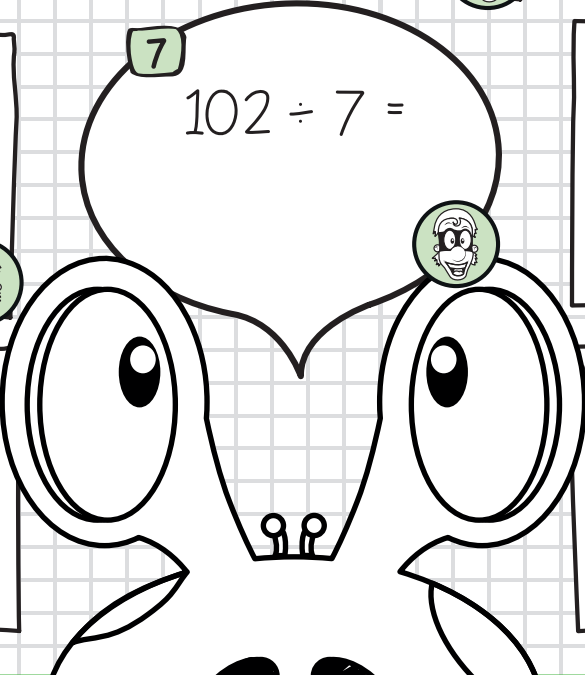
7 $102 \div 7 =$




8
$$\begin{array}{r} 4825 \\ - 2389 \\ \hline \end{array}$$



9
$$\begin{array}{r} 563 \\ \times 9 \\ \hline \end{array}$$

10 $8 \overline{)6944}$




Big Maths BEAT THAT!

Name:

Class:

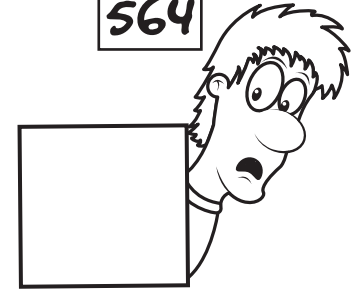
Date:

1 Place in order
3.28 2.83 3.82

2 Half of 396 is

3 Mully is hiding
behind the biggest
multiple of 7
without going past

564



4 Write down 6 factors
of 60:

5 $645 - 57 =$



6 $58 \div 6 =$

7 $93 \div 6 =$



8
$$\begin{array}{r} 7412 \\ - 2654 \\ \hline \end{array}$$



9
$$\begin{array}{r} 746 \\ \times 6 \\ \hline \end{array}$$

10
$$5 \overline{)7345}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
8.97 8.79 9.87

2 Half of 784 is

3 Mully is hiding behind the biggest multiple of 8 without going past 647



4 Write down 6 factors of 56:

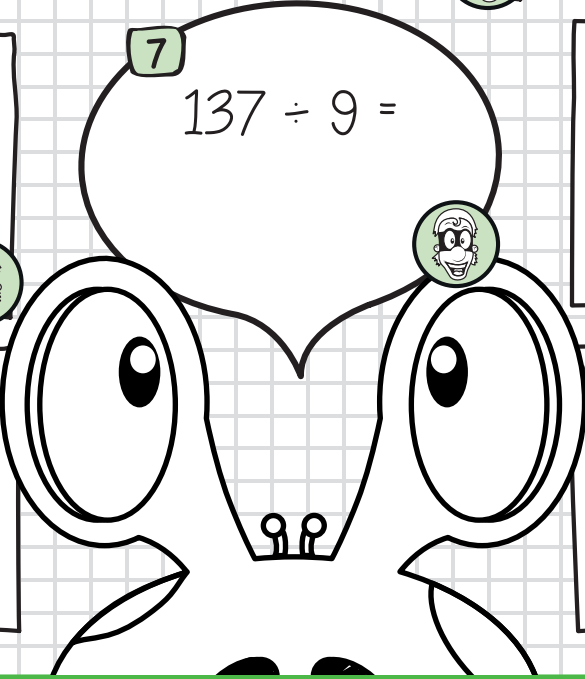
5 $764 - 18 =$

6 $75 \div 9 =$

7 $137 \div 9 =$

8
$$\begin{array}{r} 9340 \\ - 6873 \\ \hline \end{array}$$

9
$$\begin{array}{r} 548 \\ \times 8 \\ \hline \end{array}$$



10
$$9 \overline{)4086}$$



Big Maths BEAT THAT!

Name: _____

Class: _____

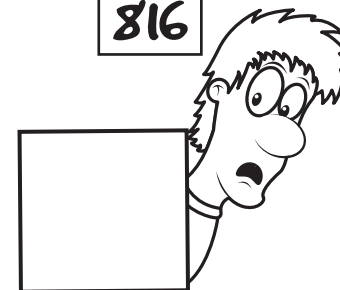
Date: _____

1 Place in order
4.58 5.48 4.85

2 Half of **558** is

3 Mully is hiding
behind the biggest
multiple of **9**
without going past

816



4 Write down 5 factors
of 64:

5 $581 - 26 =$

6 $78 \div 8 =$

7 $140 \div 8 =$

8
$$\begin{array}{r} 8526 \\ - 4798 \\ \hline \end{array}$$

9
$$\begin{array}{r} 635 \\ \times \quad 7 \\ \hline \end{array}$$

10
$$6 \overline{)5172}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10

Big Maths BEAT THAT!

Name:

Class:

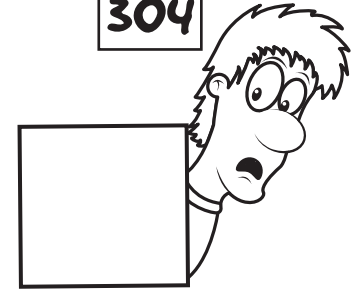
Date:

1 Place in order
7.36 6.73 6.37

2 Half of 372 is

3 Mully is hiding
behind the biggest
multiple of 6
without going past

304



4 Write down 6 factors
of 72:

5 $940 - 86 =$

6 $60 \div 7 =$

7 $94 \div 7 =$

8
$$\begin{array}{r} 5261 \\ - 2684 \\ \hline \end{array}$$

9
$$\begin{array}{r} 367 \\ \times 9 \\ \hline \end{array}$$

10
$$7 \overline{)6762}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
5.87 5.78 8.57

2 Half of **956** is

3 Mully is hiding
behind the biggest
multiple of **7**
without going past

635



4 Write down 6 factors
of 100:

5 $426 - 59 =$

6 $45 \div 6 =$

7 $115 \div 6 =$

8
$$\begin{array}{r} 4537 \\ - 1869 \\ \hline \end{array}$$

9
$$\begin{array}{r} 684 \\ \times \quad 6 \\ \hline \end{array}$$

10
$$8 \overline{)7568}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10

Big Maths BEAT THAT!

Name:

Class:

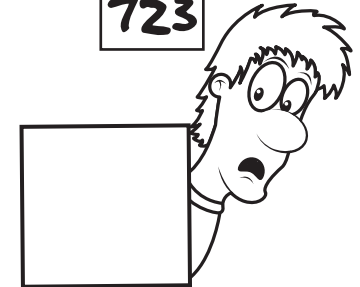
Date:

1 Place in order
6.12 6.22 6.21

2 Half of 794 is

3 Mully is hiding behind the biggest multiple of 8 without going past

723



4 Write down 6 factors of 48:

5 $637 - 48 =$



6 $86 \div 9 =$

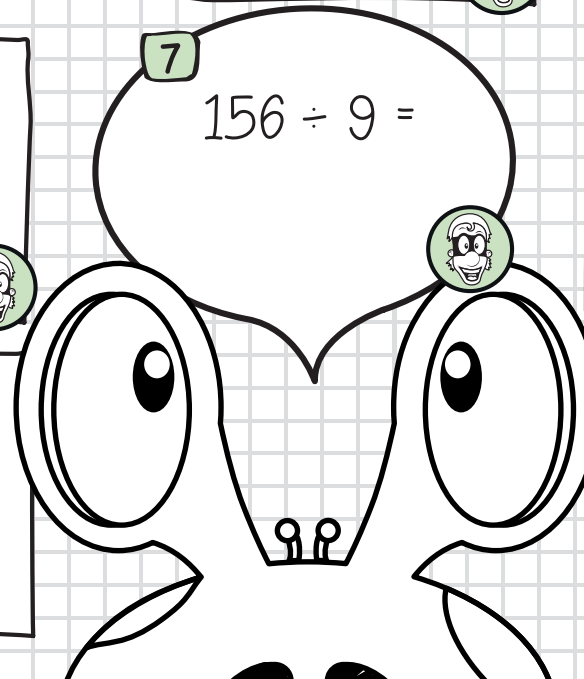


7 $156 \div 9 =$

8
$$\begin{array}{r} 3406 \\ - 1578 \\ \hline \end{array}$$



9
$$\begin{array}{r} 769 \\ \times 8 \\ \hline \end{array}$$



10
$$5 \overline{)9695}$$



Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
4.21 2.41 2.21
2.21 2.41 4.21

2 Half of 356 is
178

3 Mully is hiding
behind the biggest
multiple of 4
without going past
362

360



4 Write down 5 factors
of 36:
6 2
4 9 18

5 $476 - 84 =$
392

6 $50 \div 6 =$
8 r 2

7 $80 \div 6 =$
13 r 2

8
$$\begin{array}{r} 5685 \\ - 4749 \\ \hline 936 \end{array}$$

936

9
$$\begin{array}{r} 385 \\ \times 6 \\ \hline 2310 \end{array}$$

2310

10
$$\begin{array}{r} 406 \\ 9 \overline{)3654} \end{array}$$

The Big Maths
CLIC
Challenges!



MY LAST SCORE?!

HAVE I BEAT THAT?!

10

Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
5.73 5.37 7.53
5.37 5.73 7.53

2 Half of 438 is
219

3 Mully is hiding
behind the biggest
multiple of 3
without going past
270

4 Write down 4 factors
of 12:
2 4
6 3

5 $682 - 35 =$
647

6 $47 \div 9 =$
5 r 2

7 $120 \div 9 =$
13 r 3

8
$$\begin{array}{r} 8342 \\ - 2615 \\ \hline 5727 \end{array}$$

9
$$\begin{array}{r} 472 \\ \times 8 \\ \hline 3776 \end{array}$$

10
$$\begin{array}{r} 545 \\ 6 \overline{)3270} \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10

Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
3.84 4.83 4.38
3.84 4.38 4.83

2 Half of 674 is
337

3 Mully is hiding
behind the biggest
multiple of 5
without going past
453

450



4 Write down 6 factors
of 24:
2 6 8
12 4 3

5 $543 - 72 =$
471



6 $60 \div 8 =$
7 r 4



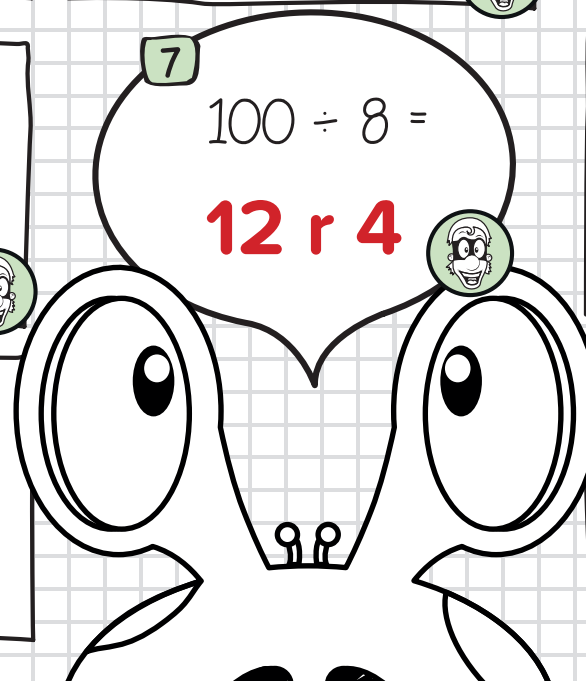
7 $100 \div 8 =$
12 r 4



8
$$\begin{array}{r} 6157 \\ - 2873 \\ \hline 3284 \end{array}$$



9
$$\begin{array}{r} 285 \\ \times 7 \\ \hline 1995 \end{array}$$



10
$$7 \overline{) 5061}$$



Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
6.51 5.61 6.15
5.61 6.15 6.51

2 Half of 532 is
266

3 Mully is hiding
behind the biggest
multiple of 6
without going past
425

420



4 Write down 6 factors
of 40:
4 5 20
10 8 2

5 $218 - 63 =$
155

6 $53 \div 7 =$
7 r 4

7 $102 \div 7 =$
14 r 4

8
$$\begin{array}{r} 4825 \\ - 2389 \\ \hline 2436 \end{array}$$
2436

9
$$\begin{array}{r} 563 \\ \times 9 \\ \hline 5067 \end{array}$$
5067

10
$$8 \overline{)6944}$$
868

The Big Maths
CLIC
Challenges!



MY LAST SCORE?!

HAVE I BEAT THAT?!

10

Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
3.28 2.83 3.82
2.83 3.28 3.82

2 Half of 396 is
198

3 Mully is hiding
behind the biggest
multiple of 7
without going past
564

560

4 Write down 6 factors
of 60:
6 12 30
10 5 2

5 $645 - 57 =$
588

6 $58 \div 6 =$
9 r 4

7 $93 \div 6 =$
15 r 3

8
$$\begin{array}{r} 7412 \\ - 2654 \\ \hline 4758 \end{array}$$

9
$$\begin{array}{r} 746 \\ \times 6 \\ \hline 4476 \end{array}$$

10
$$\begin{array}{r} 1469 \\ 5 \overline{)7345} \end{array}$$

The Big Maths
CLIC
Challenges!

MY LAST SCORE?!

HAVE I BEAT THAT?!

10

Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
8.97 8.79 9.87
8.79 8.97 9.87

2 Half of 784 is
392

3 Mully is hiding
behind the biggest
multiple of 8
without going past

647

640



4 Write down 6 factors
of 56:
7 2 14
8 28 4

5 $764 - 18 =$
746

6 $75 \div 9 =$
8 r 3

7 $137 \div 9 =$
15 r 2

8
$$\begin{array}{r} 9340 \\ - 6873 \\ \hline 2467 \end{array}$$

9
$$\begin{array}{r} 548 \\ \times 8 \\ \hline 4384 \end{array}$$

10
$$\begin{array}{r} 454 \\ 9 \overline{)4086} \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10

Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
4.58 5.48 4.85
4.58 4.85 5.48

2 Half of 558 is
279

3 Mully is hiding
behind the biggest
multiple of 9
without going past

816

810

4 Write down 5 factors
of 64:
8 2
16 4 32

5 $581 - 26 =$
555

6 $78 \div 8 =$
9 r 6

7 $140 \div 8 =$
17 r 4

8
$$\begin{array}{r} 8526 \\ - 4798 \\ \hline 3728 \end{array}$$

9
$$\begin{array}{r} 635 \\ \times 7 \\ \hline 4445 \end{array}$$

10
$$6 \overline{) 5172}$$

862

The Big Maths
CLIC
Challenges!

MY LAST SCORE?!

HAVE I BEAT THAT?!

10

Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
7.36 6.73 6.37
6.37 6.73 7.36

2 Half of 372 is
186

3 Mully is hiding
behind the biggest
multiple of 6
without going past
304

300

4 Write down 6 factors
of 72:
9 18 2
8 4 36

5 $940 - 86 =$
854

6 $60 \div 7 =$
8 r 4

7 $94 \div 7 =$
13 r 3

8
$$\begin{array}{r} 5261 \\ - 2684 \\ \hline 2577 \end{array}$$

9
$$\begin{array}{r} 367 \\ \times 9 \\ \hline 3303 \end{array}$$

10
$$\begin{array}{r} 996 \\ 7 \overline{)6762} \end{array}$$

The Big Maths
CLIC
Challenges!

MY LAST SCORE?!

HAVE I BEAT THAT?!

10

Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
5.87 5.78 8.57
5.78 5.87 8.57

2 Half of 956 is
478

3 Mully is hiding
behind the biggest
multiple of 7
without going past
635

630



4 Write down 6 factors
of 100:
2 5 25
50 20 4

5 $426 - 59 =$
367

6 $45 \div 6 =$
7 r 3

7 $115 \div 6 =$
19 r 1

8
$$\begin{array}{r} 4537 \\ - 1869 \\ \hline 2668 \end{array}$$

9
$$\begin{array}{r} 684 \\ \times 6 \\ \hline 4104 \end{array}$$

10
$$8 \overline{)7568}$$

946

The Big Maths
CLIC
Challenges!



MY LAST SCORE?!

HAVE I BEAT THAT?!

10

Big Maths BEAT THAT!

Name: _____

Class: _____

Date: _____

1 Place in order
6.12 6.22 6.21
6.12 6.21 6.22

2 Half of 794 is
397

3 Mully is hiding
behind the biggest
multiple of 8
without going past

723

720



4 Write down 6 factors
of 48:
6 16 12
8 3 4

5 $637 - 48 =$
589

6 $86 \div 9 =$
9 r 5

7 $156 \div 9 =$
17 r 3

8
$$\begin{array}{r} 3406 \\ - 1578 \\ \hline 1828 \end{array}$$

9
$$\begin{array}{r} 769 \\ \times 8 \\ \hline 6152 \end{array}$$

10
$$\begin{array}{r} 1939 \\ 5 \overline{) 9695} \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10