Big Maths Beat That!: Teacher Notes

CLIC Challenge 17			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	INN: Multiplying by 10 Dividing by 10	4 4	I can multiply decimals by 100 / I can divide decimals by 100
Q2	INN: Smile Multiplication	5	I can do Smile Multiplication for hundredths
Q3	INN: Where's Mully	5	I can find Mully using Coin Multiplication
Q4	INN: Pom's Words	3	I can understand square numbers
Q5	Calc: +	35	I can solve any 1d.1dp + 1d.1dp
Q6	Calc: -	32	I can solve 3d - 3d
Q7	Column Methods: +	9	I can use Column Addition for several numbers
Q8	Column Methods: -	8	I can solve any 5d - 5d
Q9	Column Methods: x	5	I can solve any 3d x 2d
Q10	Column Methods: ÷	6	I can solve any 4d x 1d

Big Maths BEAT THAT!

CLIC 17 | WK: 1

Name:

Class:

Date:

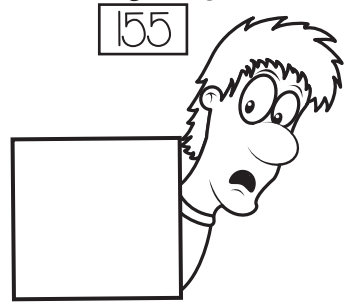
1

$2.8 \times 100 =$

$14.3 \div 100 =$

2 $4 \times 0.09 =$

3 Mully is hiding behind the biggest multiple of 14 without going past 155



4 Circle the square numbers

14 16

25 29

5 $4.9 + 3.6 =$

6 $463 - 189 =$

7

$$\begin{array}{r} 868 \\ 582 \\ +\ 654 \\ \hline \end{array}$$

8

$$\begin{array}{r} 95686 \\ -\ 54749 \\ \hline \end{array}$$

9

$$\begin{array}{r} 485 \\ \times\ 16 \\ \hline \end{array}$$

10 $6\overline{)503}$

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HAVE I BEAT THAT?! .....

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CLIC 17 | WK: 2

Name:

Class:

Date:

1

4.6 x 100 =

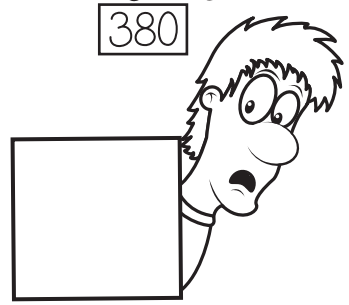
25.7 ÷ 100 =

2

3 x 0.07 =

3

Mully is hiding behind the biggest multiple of 18 without going past 380



4

Circle the square numbers

36 48

63 81

5

6.7 + 8.4 =

6

534 - 278 =

7

$$\begin{array}{r} 475 \\ 327 \\ +\,563 \\ \hline \end{array}$$

8

$$\begin{array}{r} 68324 \\ -\,12507 \\ \hline \end{array}$$

9

$$\begin{array}{r} 263 \\ \times\ 18 \\ \hline \end{array}$$

10

$7\overline{)95}$

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HAVE I BEAT THAT?! .....

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Big Maths BEAT THAT!

CLIC 17 | WK: 3

Name:

Class:

Date:

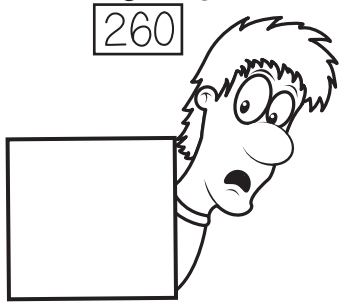
1

$3.52 \times 100 =$

$4.6 \div 100 =$

2 $6 \times 0.04 =$

3 Mully is hiding behind the biggest multiple of 21 without going past 260



4 Circle the square numbers

4 10

20 100

5 $8.3 + 4.7 =$

6 $326 - 167 =$

7

$$\begin{array}{r} 286 \\ 354 \\ +\,687 \\ \hline \end{array}$$

8

$$\begin{array}{r} 36845 \\ -\,13257 \\ \hline \end{array}$$

9

$$\begin{array}{r} 516 \\ \times\ 24 \\ \hline \end{array}$$

10 $8\overline{)137}$

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HAVE I BEAT THAT?! .....

10

Big Maths BEAT THAT!

CLIC 17 WK: 4

Name:

Class:

Date:

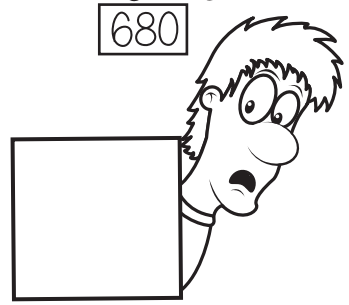
1

$7.81 \times 100 =$

$3.9 \div 100 =$

2 $7 \times 0.08 =$

3 Mully is hiding behind the biggest multiple of 32 without going past 680



4 Circle the square numbers

4 10

20 100

5 $7.5 + 9.6 =$

6 $748 - 382 =$

7

$$\begin{array}{r} 384 \\ 265 \\ +\,879 \\ \hline \end{array}$$

8

$$\begin{array}{r} 43752 \\ -\,29268 \\ \hline \end{array}$$

9

$$\begin{array}{r} 872 \\ \times\ 37 \\ \hline \end{array}$$

10 $4\overline{)75}$

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HAVE I BEAT THAT?! .....

10

Big Maths BEAT THAT!

CLIC 17 | WK: 5

Name:

Class:

Date:

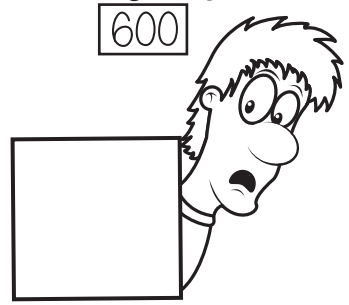
1

0.26 x 100 =

154 ÷ 100 =

2 9 x 0.05 =

3 Mully is hiding behind the biggest multiple of 26 without going past 600



4 Circle the square numbers

24 36

48 64

5 8.3 + 4.7 =

6 831 - 437 =

7

833
275
+749

8

81429
-14653

9

683
x 45

10

6|807

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HAVE I BEAT THAT?! .....

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Big Maths BEAT THAT!

CLIC 17 | WK: 6

Name:

Class:

Date:

1

0.75 x 100 =

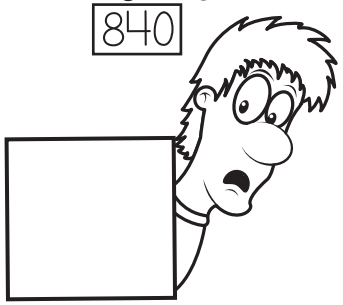
628 ÷ 100 =

2

8 x 0.04 =

3

Mully is hiding behind the biggest multiple of 16 without going past 840



4

Circle the square numbers

25 49

63 90

5

9.6 + 5.8 =

6

628 - 235 =

7

$$\begin{array}{r} 534 \\ 342 \\ 203 \\ +\ 420 \\ \hline \end{array}$$

8

$$\begin{array}{r} 72380 \\ -\ 16198 \\ \hline \end{array}$$

9

$$\begin{array}{r} 917 \\ \times\ 53 \\ \hline \end{array}$$

10

9)471

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HAVE I BEAT THAT?! .....

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Big Maths BEAT THAT!

CLIC 17 | WK: 7

Name:

Class:

Date:

1

0.064 x 100 =

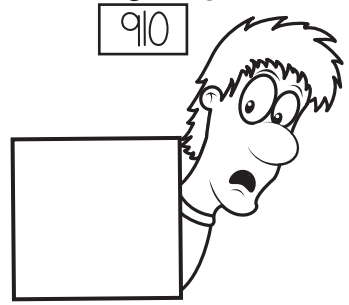
0.5 ÷ 100 =

2

5 x 0.07 =

3

Mully is hiding behind the biggest multiple of 41 without going past 910



4

Circle the square numbers

16 52

81 99

5

4.7 + 7.5 =

6

482 - 149 =

7

$$\begin{array}{r} 2536 \\ 1430 \\ 3672 \\ +\ 1384 \\ \hline \end{array}$$

8

$$\begin{array}{r} 56347 \\ -\ 23869 \\ \hline \end{array}$$

9

$$\begin{array}{r} 478 \\ \times\ 64 \\ \hline \end{array}$$

10

$7\overline{)528}$

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MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....

10

Big Maths BEAT THAT!

CLIC 17 | WK: 8

Name:

Class:

Date:

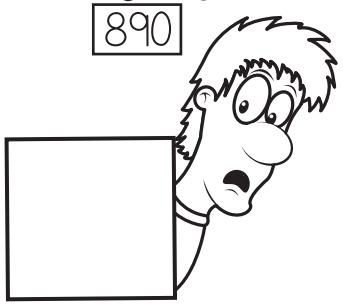
1

0.092 x 100 =

0.8 ÷ 100 =

2 6 x 0.08 =

3 Mully is hiding behind the biggest multiple of 17 without going past 890



4 Circle the square numbers

8 28

49 81

5 6.4 + 9.8 =

6 567 − 218 =

7

$$\begin{array}{r} 4326 \\ 537 \\ +\ 2143 \\ \hline \end{array}$$

8

$$\begin{array}{r} 62174 \\ -\ 13895 \\ \hline \end{array}$$

9

$$\begin{array}{r} 786 \\ \times\ 56 \\ \hline \end{array}$$

10 $8\overline{)667}$

10

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MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....

Big Maths BEAT THAT!

CLIC 17 | WK: 9

Name:

Class:

Date:

1

0.07 x 100 =

653.2 ÷ 100 =

2 9 x 0.09 =

3 Mully is hiding behind the biggest multiple of 24 without going past 2450

4 Circle the square numbers

20 25

36 29

5 8.5 + 6.8 =

6 775 - 438 =

7

$$\begin{array}{r} 2845 \\ 179 \\ 536 \\ +\ 6721 \\ \hline \end{array}$$

8

$$\begin{array}{r} 92063 \\ -\ 15395 \\ \hline \end{array}$$

9

$$\begin{array}{r} 839 \\ \times\ 75 \\ \hline \end{array}$$

10

$$6\overline{)452}$$

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HAVE I BEAT THAT?! .....

10

Big Maths BEAT THAT!

CLIC 17 | WK: 10

Name:

Class:

Date:

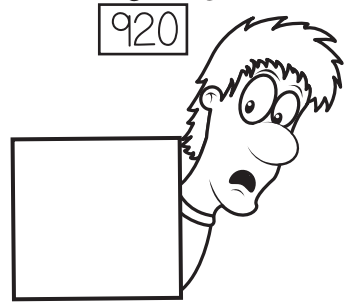
1

0.009 x 100 =

184.5 ÷ 100 =

2 8 x 0.08 =

3 Mully is hiding behind the biggest multiple of 38 without going past 920



4 Circle the square numbers

12 16

46 81

5 9.4 + 8.8 =

6 853 - 177 =

7

$$\begin{array}{r} 1\,637 \\ 2385 \\ 675 \\ +\ 243 \\ \hline \end{array}$$

8

$$\begin{array}{r} 76314 \\ -\ 28736 \\ \hline \end{array}$$

9

$$\begin{array}{r} 698 \\ \times\ 87 \\ \hline \end{array}$$

10

$$9\overline{)759}$$

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HAVE I BEAT THAT?! .....

/10

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CLIC 17 | **WK: 1**

Name:

Class:

Date:

1

$2.8 \times 100 = 280$

$14.3 \div 100 = 0.143$

2 $4 \times 0.09 =$

0.36

3 Mully is hiding behind the biggest multiple of 14 without going past 155

154

4 Circle the square numbers

14 **16**

25 29

5 $4.9 + 3.6 =$

8.5

6 $463 - 189 =$

274

7

$$\begin{array}{r} 868 \\ 582 \\ +\,654 \\ \hline \end{array}$$

2104

8

$$\begin{array}{r} 95686 \\ -\,54749 \\ \hline \end{array}$$

40937

9

$$\begin{array}{r} 485 \\ \times\ 16 \\ \hline \end{array}$$

7760

10

83 r 5

$6\overline{)503}$

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HAVE I BEAT THAT?! .....

10

Big Maths BEAT THAT!

Name:

Class:

Date:

1

4.6 x 100 = **460**

25.7 ÷ 100 = **0.257**

2

3 x 0.07 = **0.21**

3

Mully is hiding behind the biggest multiple of 18 without going past 380

378

4

Circle the square numbers

36 48 63 81

5

6.7 + 8.4 = **15.1**

6

534 − 278 = **256**

7

$$\begin{array}{r} 475 \\ 327 \\ +563 \\ \hline 1365 \end{array}$$

8

$$\begin{array}{r} 68324 \\ -12507 \\ \hline 55817 \end{array}$$

9

$$\begin{array}{r} 263 \\ \times\ 18 \\ \hline 4734 \end{array}$$

10

$$7\overline{)95} = 13\ r\ 4$$

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MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....

10

BEAT THAT!

CLIC 17 | WK: 3

Name:

Class:

Date:

1

3.52 x 100 = **352**

4.6 ÷ 100 = **0.046**

2 6 x 0.04 =

0.24

3 Mully is hiding behind the biggest multiple of 21 without going past 260

252

4 Circle the square numbers

4 10

20 100

5 8.3 + 4.7 =

13

6 326 - 167 =

159

7

286
354
+687

1327

8

36845
-13257

23588

9

516
x 24

12384

10

17 r 1

8|137

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MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....

10

Big Maths BEAT THAT!

Name:

Class:

Date:

1

7.81 x 100 = **781**

3.9 ÷ 100 = **0.039**

2

7 x 0.08 =

0.56

3

Mully is hiding behind the biggest multiple of 32 without going past 680

21

4

Circle the square numbers

4 10

20 100

5

7.5 + 9.6 =

17.1

6

748 – 382 =

366

7

384
265
+879

1528

8

43752
-29268

14484

9

872
x 37

32264

10

18 r 3

4⟌75

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MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....

10

Big Maths BEAT THAT!

Name:

Class:

Date:

1

0.26 x 100 = **26**

154 ÷ 100 = **1.54**

2

9 x 0.05 =

0.45

3

Mully is hiding behind the biggest multiple of 26 without going past 600

578

4

Circle the square numbers

24 36

48 64

5

8.3 + 4.7 =

13

6

831 − 437 =

394

7

833
275
+749

1857

8

81429
−14653

66776

9

683
x 45

30735

10

134 r 3

6|807

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MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....

10

Big Maths BEAT THAT!

Name:

Class:

Date:

1

0.75 x 100 = **75**

628 ÷ 100 = **6.28**

2

8 x 0.04 =

0.32

3

Mully is hiding behind the biggest multiple of 16 without going past 840

832

4

Circle the square numbers

25 49

63 90

5

9.6 + 5.8 =

15.4

6

628 - 235 =

393

7

534
342
203
+ 420

1499

8

72380
- 16198

56182

9

917
x 53

48601

10

52 r 3

9 | 471

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MY LAST SCORE?! .....

HAVE I BEAT THAT?! .....

10

Big Maths BEAT THAT!

CLIC 17 | **WK: 7**

Name:

Class:

Date:

1

0.064 x 100 = **6.4**

0.5 ÷ 100 = **0.005**

2

5 x 0.07 =

0.35

3

Mully is hiding behind the biggest multiple of 41 without going past 910

902

4

Circle the square numbers

16 52

81 99

5

4.7 + 7.5 =

12.2

6

482 – 149 =

333

7

2536
1430
3672
+ 1384

9022

8

56347
- 23869

32478

9

478
x 64

30592

10

75 r 3

7)528

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HAVE I BEAT THAT?! .....

10

Big Maths BEAT THAT!

CLIC 17 | **WK: 8**

Name:

Class:

Date:

1

0.092 x 100 = **9.2**

0.8 ÷ 100 = **0.008**

2

6 x 0.08 =

0.48

3

Mully is hiding behind the biggest multiple of 17 without going past 890

884

4

Circle the square numbers

8 28

49 81

5

6.4 + 9.8 =

16.2

6

567 − 218 =

349

7

$$\begin{array}{r} 4326 \\ 537 \\ +\,2143 \\ \hline 7006 \end{array}$$

8

$$\begin{array}{r} 62174 \\ -\,13895 \\ \hline 48279 \end{array}$$

9

$$\begin{array}{r} 786 \\ \times\ 56 \\ \hline 44016 \end{array}$$

10

83 r 3

$8\overline{)667}$

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HAVE I BEAT THAT?! .....

10

Big Maths BEAT THAT!

CLIC 17 | **WK: 9**

Name:

Class:

Date:

1

0.07 x 100 = **7**

653.2 ÷ 100 = **6.532**

2

9 x 0.09 =

0.81

3

Mully is hiding behind the biggest multiple of 24 without going past 2450

2448

4

Circle the square numbers

20 **25**

36 29

5

8.5 + 6.8 =

15.3

6

775 − 438 =

337

7

2845
179
536
+ 6721

10281

8

92063
- 15395

76668

9

839
x 75

62925

10

75 r 2

6|452

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HAVE I BEAT THAT?! .....

10

Big Maths BEAT THAT!

Name:

Class:

Date:

1

0.009 x 100 = **0.9**

184.5 ÷ 100 = **1.845**

2

8 x 0.08 = **0.64**

3

Mully is hiding behind the biggest multiple of 38 without going past 920

912

4

Circle the square numbers

12 16

46 81

5

9.4 + 8.8 = **18.2**

6

853 - 177 = **676**

7

1 637
2385
675
+ 243

4940

8

76314
- 28736

47578

9

698
x 87

60726

10

84 r 3

9) 759

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HAVE I BEAT THAT?! .....

10