Big Maths Beat That!: Teacher Notes

CLIC Challenge 15

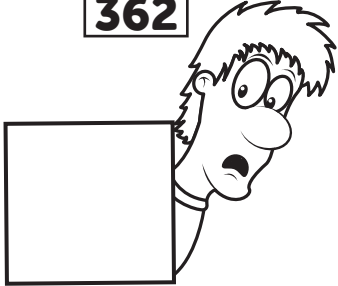|	Step Location in the CLIC framework		Title of Step
	Progress Drive	**Step No.**	
Q1	Counting: Mastery of Numbers	7	I can understand 2dp numbers
Q2	INN: Halving with Pim	6	I can halve any 3d number
Q3	INN: Finding Multiples	3	I can find Mully using Smile Multiplication
Q4	INN: Multiple-Factor-Prime	2	I can find factors
Q5	Calculation: Subtraction	30	I can solve 3d - 2d
Q6	Calculation: Division	21	I can use a Tables Fact to find a division fact (with remainders)
Q7	Calculation: Division	23	I can combine 2 or more Tables Facts to solve division (with remainders)
Q8	Column Methods: Subtraction	7	I can solve any 4d - 4d
Q9	Column Methods: Multiplication	3	I can solve any 3d x 1d
Q10	Column Methods: Division	5	I can solve a 4d ÷ 1d (using any table) with no remainders in answer

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**

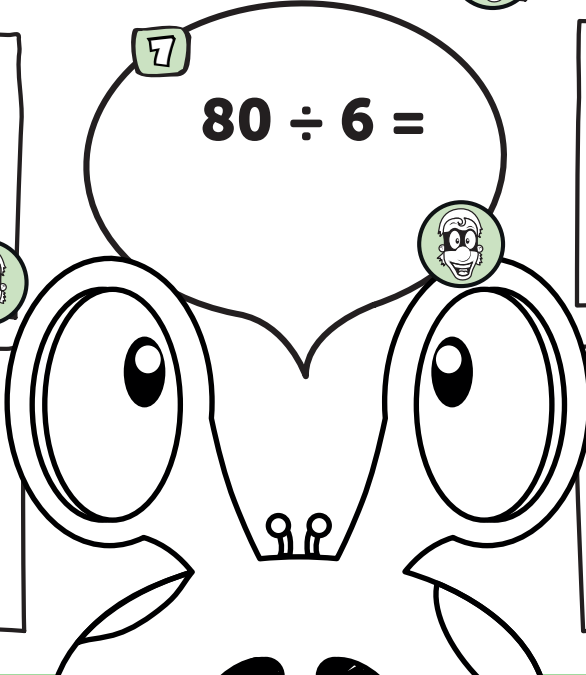**4** Write down 5 factors of 36:

5 476 - 84 =

6 50 ÷ 6 =

7 80 ÷ 6 =

8
5685
- 4749

9
385
X   6

10
9)3654

The Big Maths CLIC Challenges!

Big Maths BEAT THAT!

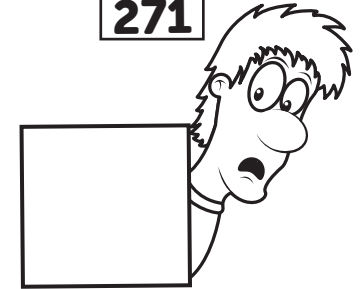**Name:**

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:
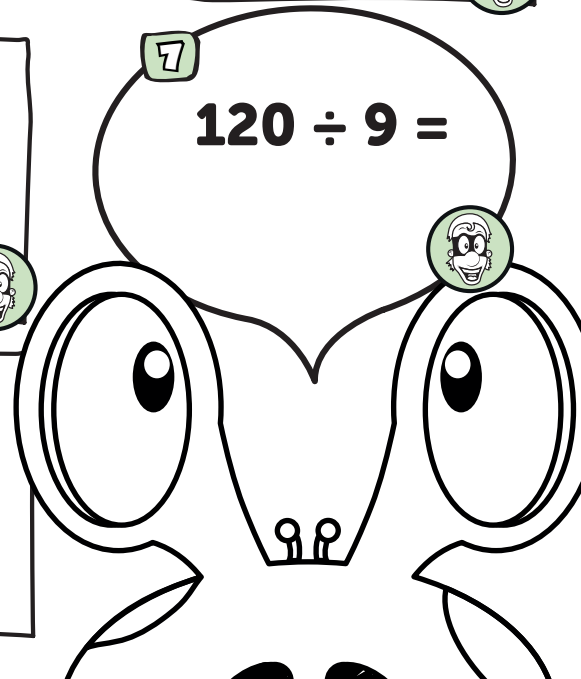
5 682 - 35 =

6 47 ÷ 9 =

7 120 ÷ 9 =

8
8342
- 2615
___

9
472
x 8
___

10
6)3270

The Big Maths CLIC Challenges!

MY LAST SCORE?! ....

HAVE I BEAT THAT?! ....

/10

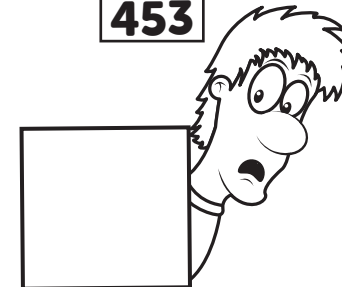# BEAT THAT!

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

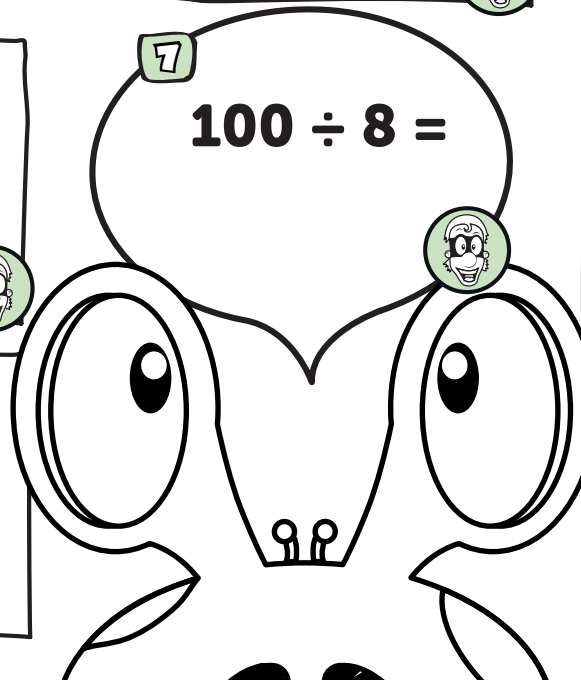**4** Write down 6 factors of 24:

5 543 - 72 =

6 60 ÷ 8 =

7 100 ÷ 8 =

8 6157 − 2873

9 285 × 7

10 7⟌5061

The Big Maths CLIC Challenges!

MY LAST SCORE?! ....   HAVE I BEAT THAT?! ....

10

Big Maths BEAT THAT!

Name:

Class:

Date:

The Big Maths CLIC Challenges!

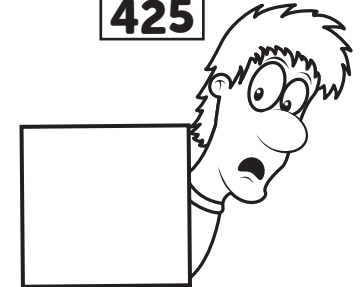**1** Place in order

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
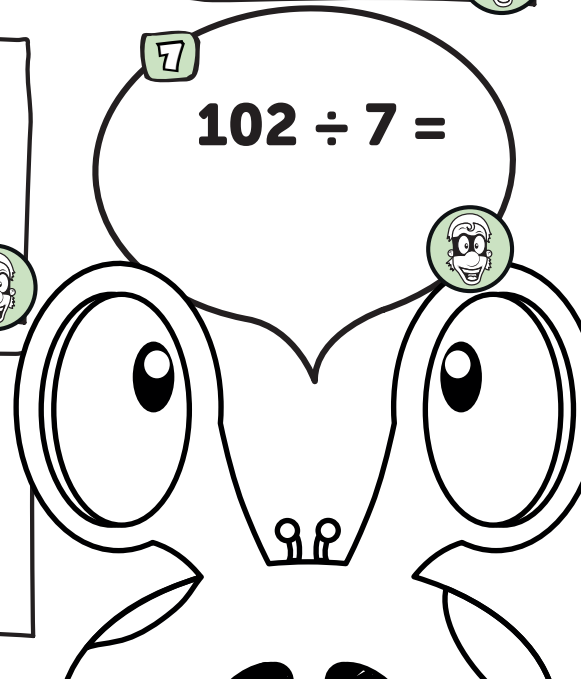
4 Write down 6 factors of 40:

5 218 - 63 =

6 53 ÷ 7 =

7 102 ÷ 7 =

8 4825
   - 2389

9 563
   x   9

10 8) 6944

MY LAST SCORE?! ....   HAVE I BEAT THAT?! ....

10

BEAT THAT!

Name:
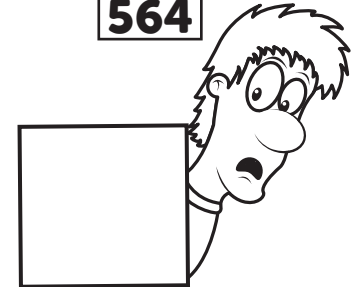
Class:

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
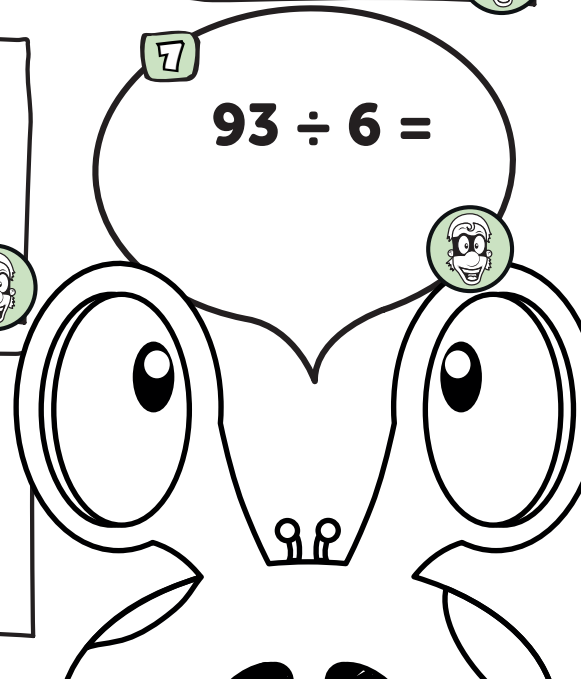
4 Write down 6 factors of 60:

5 645 - 57 =

6 58 ÷ 6 =

7 93 ÷ 6 =

8
7412
- 2654

9
746
x   6

10
5)7345

The Big Maths CLIC Challenges!

MY LAST SCORE?! ....   HAVE I BEAT THAT?! ....
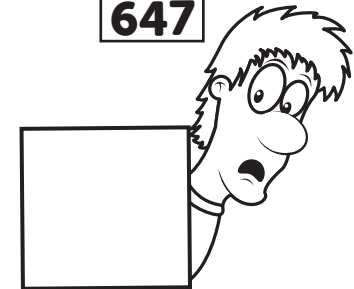
10

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**
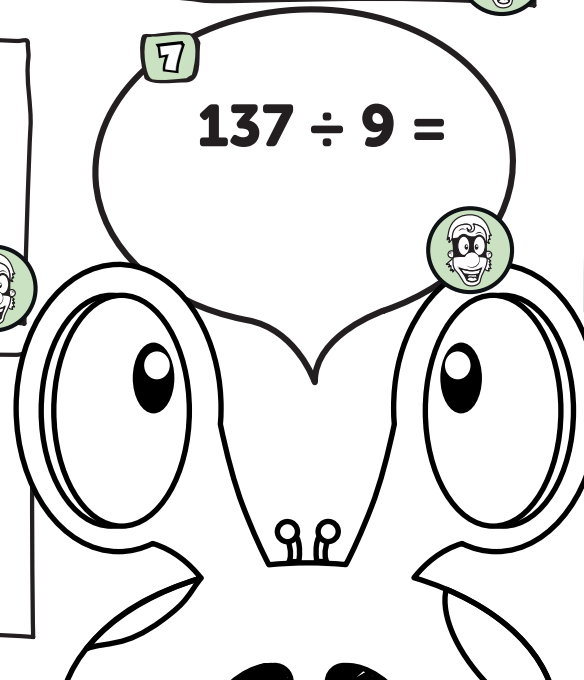
4 Write down 6 factors of 56:

5 **764 - 18 =**

6 **75 ÷ 9 =**

7 **137 ÷ 9 =**

8
9340
- 6873

9
548
X   8

10
9⟌4086

The Big Maths CLIC Challenges!

MY LAST SCORE?! ....   HAVE I BEAT THAT?! ....

10

BEAT THAT!

Name:

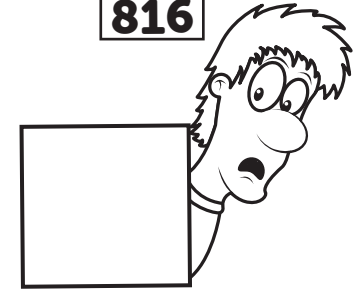**Class:**

Date:

The Big Maths CLIC Challenges!

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 ÷ 8 =

7 140 ÷ 8 =

8 8526
- 4798

9 635
X   7

10 6)5172

MY LAST SCORE?! .... HAVE I BEAT THAT?! ....

Andrell Education Ltd

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**
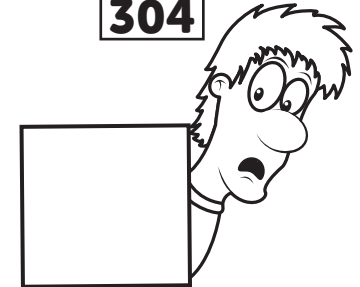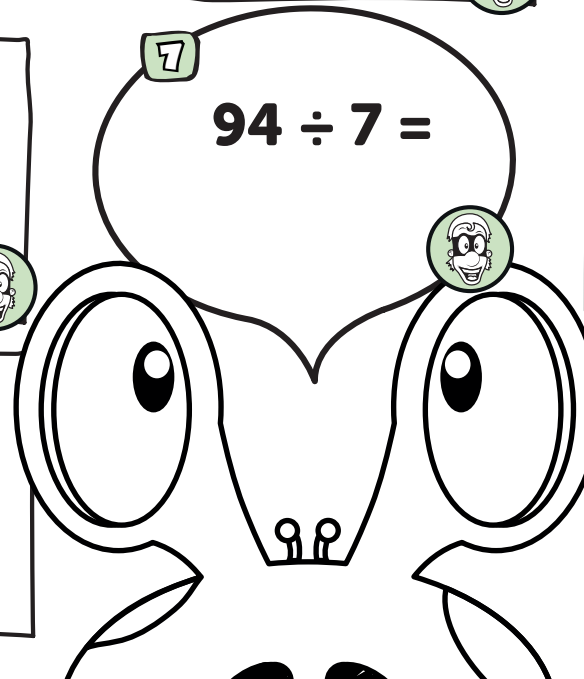
4 Write down 6 factors of 72:

5 940 - 86 =

6 60 ÷ 7 =

7 94 ÷ 7 =

8 5261 - 2684

9 367 X 9

10 7)6762

The Big Maths CLIC Challenges!

MY LAST SCORE?! ....

HAVE I BEAT THAT?! ....

10

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

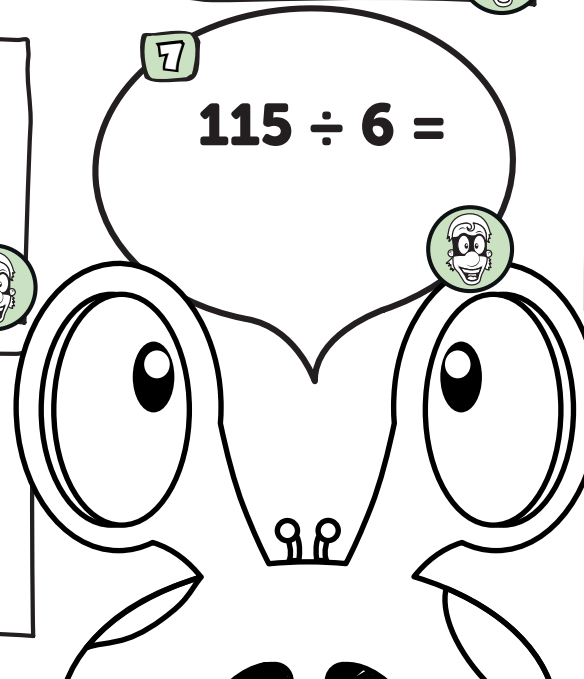**4** Write down 6 factors of 100:

5 426 - 59 =

6 45 ÷ 6 =

7 115 ÷ 6 =

8 4537
- 1869

9 684
X   6

10 8)7568

MY LAST SCORE?! .... HAVE I BEAT THAT?! ....

10

The Big Maths CLIC Challenges!

BEAT THAT!

Name:

Class:

Date:

The Big Maths CLIC Challenges!

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**
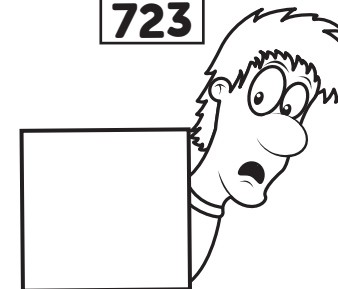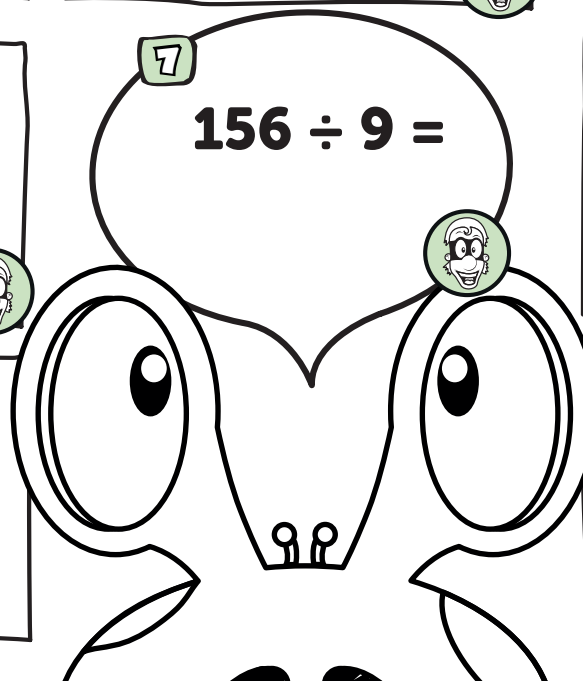
4 Write down 6 factors of 48:

5 637 - 48 =

6 86 ÷ 9 =

7 156 ÷ 9 =

8 3406
  - 1578

9 769
X   8

10 5)9695

MY LAST SCORE?! .... HAVE I BEAT THAT?! ....

10

Big Maths BEAT THAT!

Name:

Class:

Date:

The Big Maths CLIC Challenges!

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
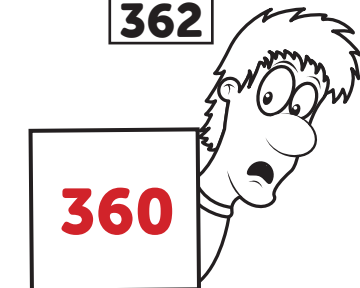
4 **Write down 5 factors of 36:**

6   1   2

**   9**

4   36   18

5 **476 - 84 =**

392

6 **50 ÷ 6 =**

8 r 2

7 **80 ÷ 6 =**

13 r 2

8
5685
- 4749

936

9
385
X   6

2310

10
406
9⟌3654

BEAT THAT!

Big Maths

Name:

Class:

Date:

The Big Maths CLIC Challenges!
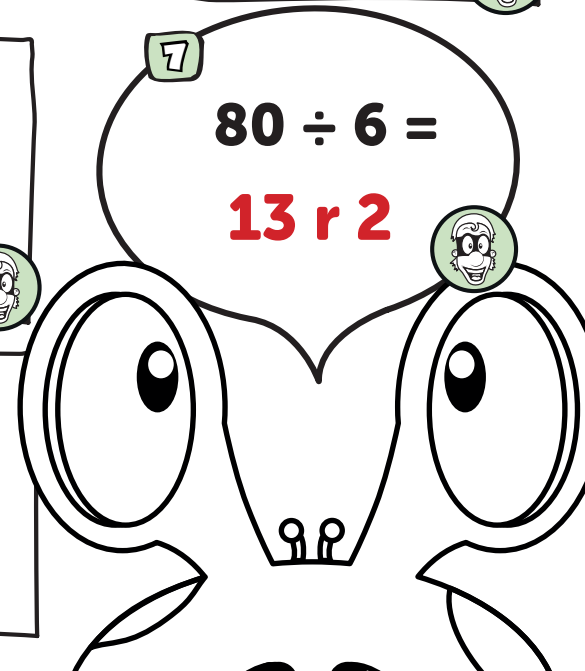
1 **Place in order**

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 271

270

4 Write down 4 factors of 12:

2   **1**   **4**

6   **12**   **3**

5 682 - 35 =

647

6 47 ÷ 9 =

5 r 2

7 120 ÷ 9 =

13 r 3

8 8342
- 2615
5727

9 472
X 8
3776
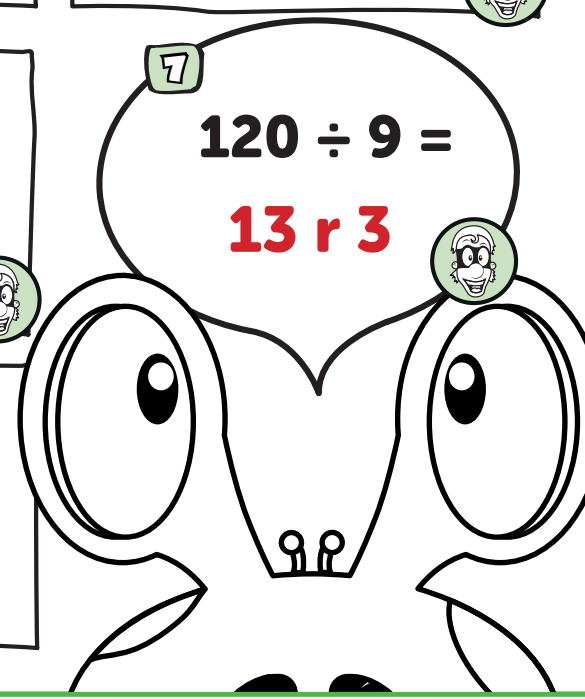
10 **545**
6 ⟌ 3270

Big Maths BEAT THAT!

Name:

Class:

Date:

The Big Maths CLIC Challenges!

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
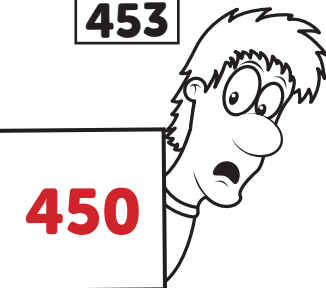
4 Write down 6 factors of 24:

2   1   6   8
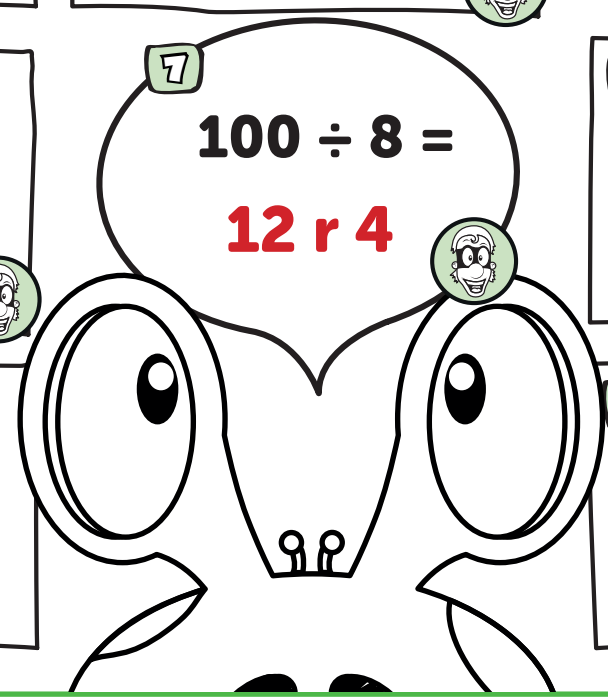
12   24   4   3

5 543 - 72 =

471

6 60 ÷ 8 =

7 r 4

7 100 ÷ 8 =

12 r 4

8 6157
- 2873

3284

9 285
X   7

1995

10 **723**
7)5061

BEAT THAT!

Name:

Class:

Date:

The Big Maths CLIC Challenges!

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
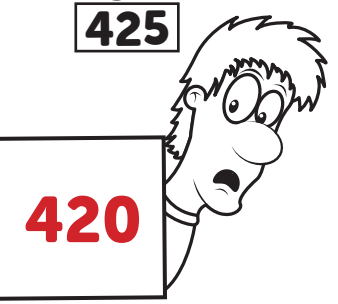
4 **Write down 6 factors of 40:**

4   1   5   20

10   40   8   2

5 **218 - 63 =**

155

6 **53 ÷ 7 =**

7 r 4

7 **102 ÷ 7 =**

14 r 4

8
4825
- 2389

2436

9
563
x   9

5067

10
868
8 | 6944
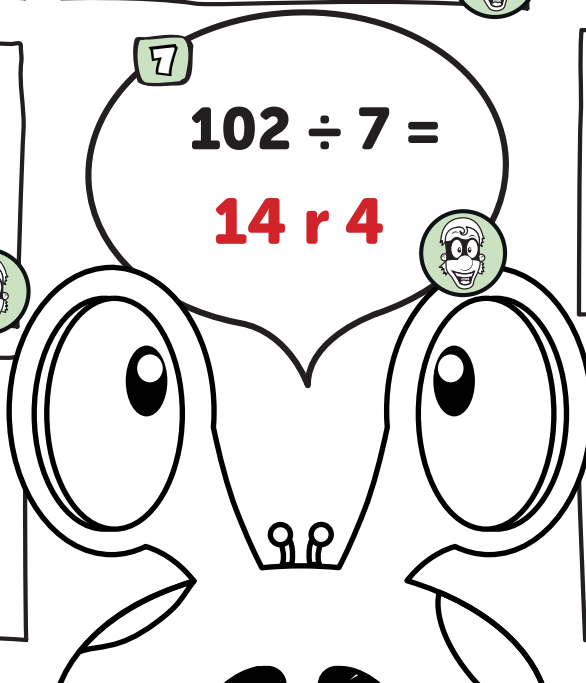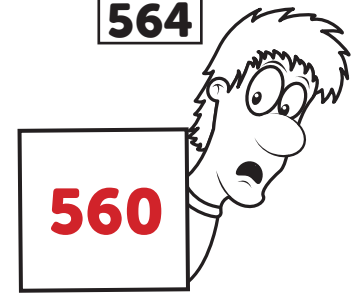
Beat That!

Name:

Class:

Date:

1 Place in order

3.28 2.83 3.82

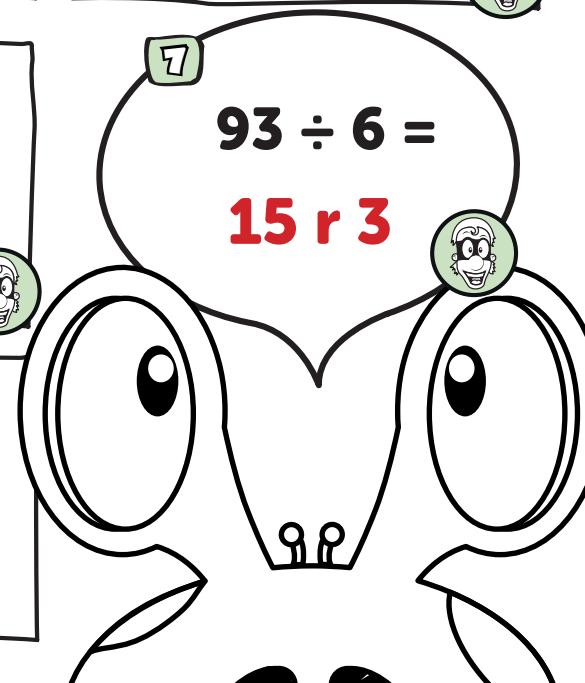**2.83 3.28 3.82**

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   1   12 30

10 60   5   2

5 645 - 57 =

588

6 58 ÷ 6 =

9 r 4

7 93 ÷ 6 =

15 r 3

8 7412
− 2654

4758

9 746
X   6

4476

10 **1469**
5⟌7345

The Big Maths CLIC Challenges!

Andrell Education Ltd

Big Maths BEAT THAT!

Name:
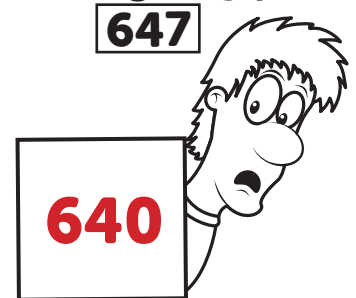
Class:

Date:

The Big Maths CLIC Challenges!

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:
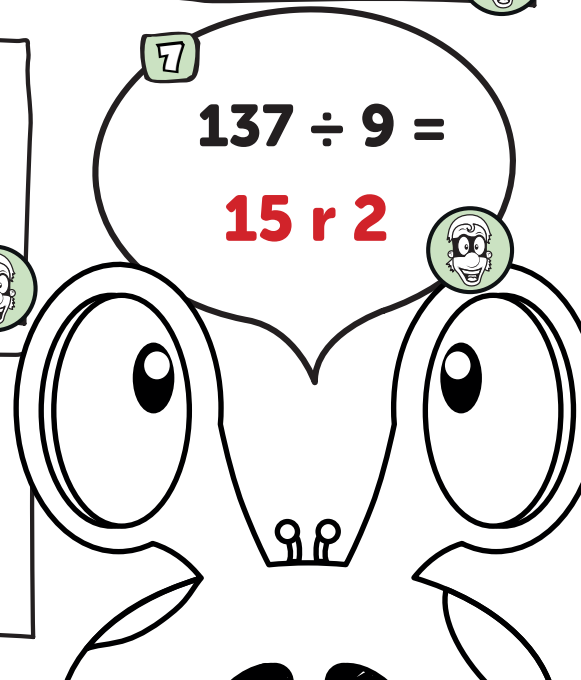
7   1   2   14

8   56   28   4

5 764 - 18 =

746

6 75 ÷ 9 =

8 r 3

7 137 ÷ 9 =

15 r 2

8 9340
− 6873
2467

9 548
X 8
_____
4384

10 **454**
9⟌4086

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
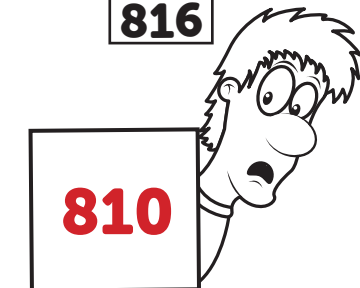
4 **Write down 5 factors of 64:**

8   1   2

4

16   64   32

5 **581 - 26 =**

555

6 **78 ÷ 8 =**

9 r 6

7 **140 ÷ 8 =**

17 r 4

8

8526
- 4798

3728

9

635
x   7

4445

10

862

6 ⟌ 5172

The Big Maths CLIC Challenges!

MY LAST SCORE?! ....   HAVE I BEAT THAT?! ....
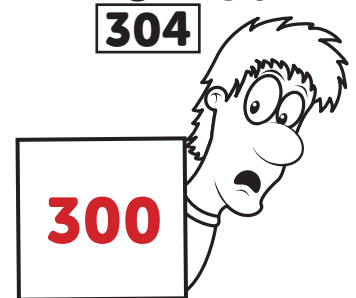
10
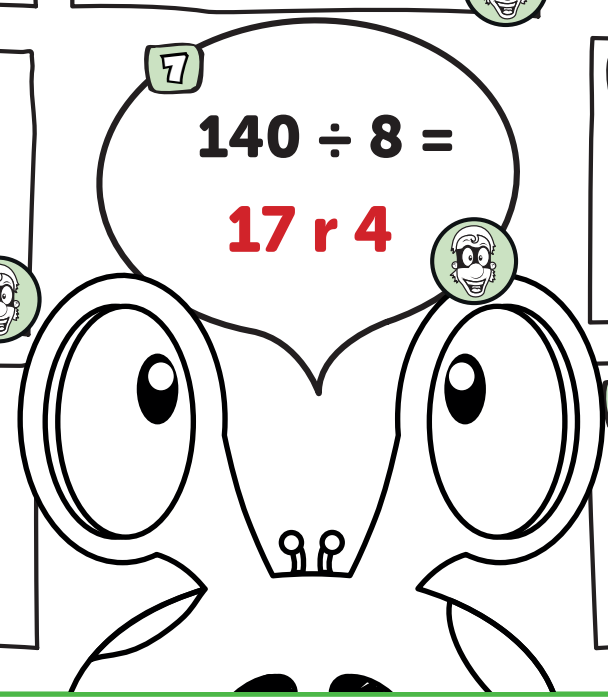
BEAT THAT!

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:

1   6   2   8   36   18

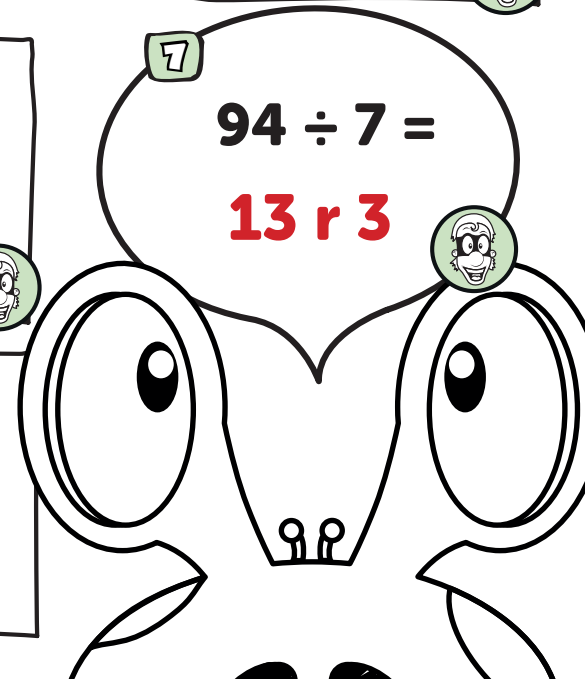3   12   4   9   72   24

5 940 - 86 =

854

6 60 ÷ 7 =

8 r 4

7 94 ÷ 7 =

13 r 3

8
```
  5261
- 2684
```
2577

9
```
  367
X   9
```
3303

10
966
7⟌6762

MY LAST SCORE?! ....   HAVE I BEAT THAT?! ....

/10

BEAT THAT!

Name:

Class:

Date:

The Big Maths CLIC Challenges!

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
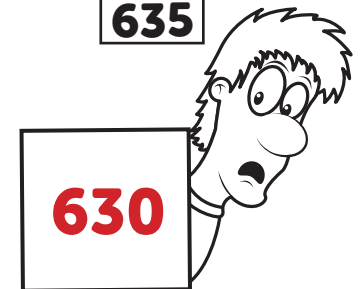
4 Write down 6 factors of 100:

1   4   50   10

25

2   5   100   20

5 426 - 59 =

367

6 45 ÷ 6 =

7 r 3

7 115 ÷ 6 =

19 r 1

8 4537
- 1869

2668

9 684
X   6

4104

10 **946**

8 ⟌ 7568

Big Maths

BEAT THAT!

Name:

Class:

Date:

The Big Maths CLIC Challenges!
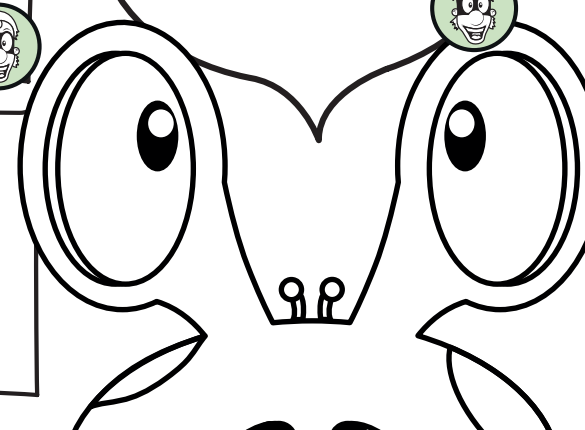
1 **Place in order**

6.12 6.22 6.21

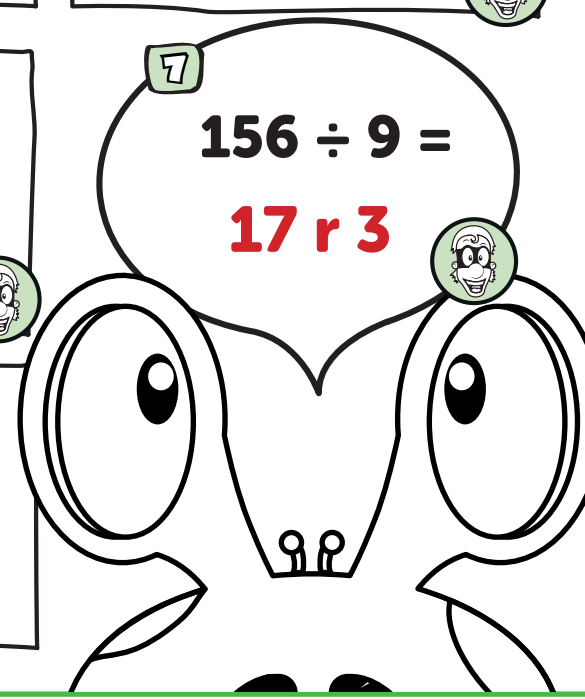**6.12 6.21 6.22**

2 Half of 794 is

397

3 Mully is hiding behind the biggest multiple of ⬚8⬚ without going past ⬚723⬚

720
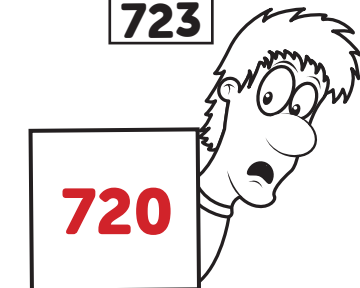
4 Write down 6 factors of 48:

1 3 6 12 24

2 4 8 16 48

5 637 - 48 =

589

6 86 ÷ 9 =

9 r 5

7 156 ÷ 9 =

17 r 3

8 3406
− 1578

1828

9 769
X   8

6152

10 **1939**
5⟌9695