

Big Maths Beat That!: Teacher Notes

CLIC Challenge 13			
	Step Location in the CLIC framework		Title of Step
	Progress Drive	Step No.	
Q1	Counting: Squiggleworth	4	I can partition a 3dp number
Q2	Counting: Core Numbers	5	I can understand 4d numbers
Q3	Counting: Counting Multiples	7, 8, 9	I can count in 6s, 7s, 8s
Q4	Counting: Count Fourways	250s	
Q5	Counting: Counting Along	3	I can still count along for all of 'Count Fourways'
Q6	INN: Jigsaw Numbers	4	I can find the missing piece to 1000
Q7	INN: Multiplying by 10	2	I can multiply whole numbers by 100
Q8	Calc: x	12, 13	I can solve any 1d x 1d / I can do any Smile Multiplication
Q9	Column Methods: -	6	I can solve any 4d - 2d or 3d
Q10	Column Methods: ÷	2	I can solve a 2d ÷ 1d (using x2, 3, 4, 5) No remainders in answer



Name: _____

Class: _____

Date: _____

1 4.89

2 Place in order
3142 2143 2431

3 36, , 54, , 72

4 1250, 1500, 1750,
2000,



6 $483 + \quad = 1000$

7 $36 \times 100 =$

8 $7 \times 8 =$
 $7 \times 40 =$

9
$$\begin{array}{r} 5686 \\ - 749 \\ \hline \end{array}$$

10
$$3 \overline{)81}$$





Name: _____

Class: _____

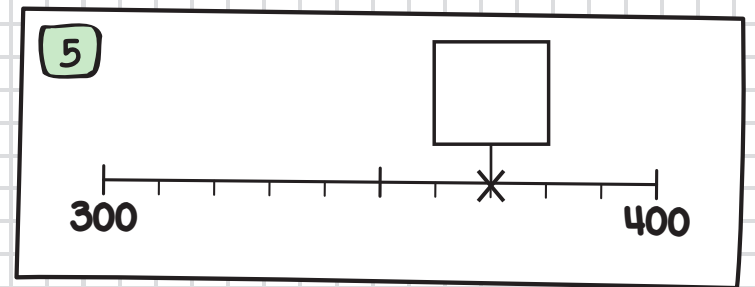
Date: _____

1 3.76

2 Place in order
4625 5246 4256

3 18, 24, , , 42

4 500, , 1000,
1250,



6 $275 + = 1000$

7 $43 \times 100 =$

8 $6 \times 7 =$
 $8 \times 30 =$

9
$$\begin{array}{r} 7283 \\ - \quad 27 \\ \hline \end{array}$$

10
$$2 \overline{)52}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name:

Class:

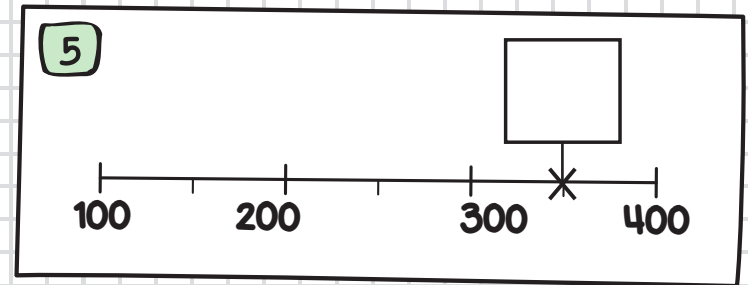
Date:

1 5.28

2 Place in order
5381 8135 5138

3 21, 28, , , 49

4 0, 2500, ,
7500,



6 $614 + = 1000$

7 $57 \times 100 =$

8 $6 \times 8 =$
 $6 \times 90 =$

9
$$\begin{array}{r} 2461 \\ - 615 \\ \hline \end{array}$$

10
$$4 \overline{)96}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

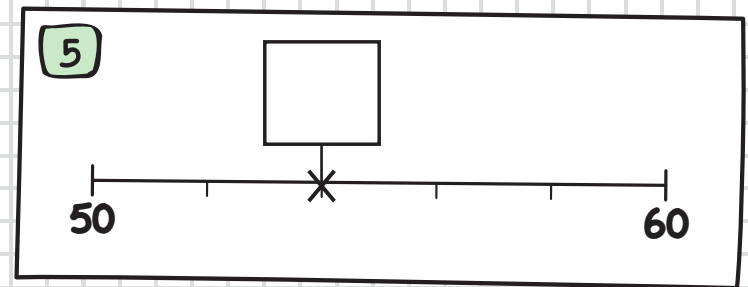
Date: _____

1 6.35

2 Place in order
2374 3472 3427

3 18, , , 45, 54

4 5000, 7500, 10000,
, ,



6 $736 + = 1000$

7 $28 \times 100 =$

8 $7 \times 9 =$
 $60 \times 30 =$

9
$$\begin{array}{r} 1820 \\ - 76 \\ \hline \end{array}$$

10
$$5 \overline{)75}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

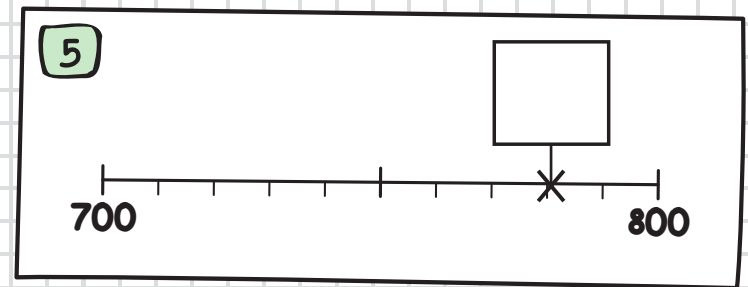
Date: _____

1 8.17

2 Place in order
6409 6094 4960

3 30, , 42, , 54

4 2750, 3000,
, , 3750



6 $809 + \quad = 1000$

7 $65 \times 100 =$

8 $6 \times 9 =$
 $70 \times 800 =$

9
$$\begin{array}{r} 4354 \\ - 187 \\ \hline \end{array}$$

10
$$3 \overline{)78}$$





Name: _____

Class: _____

Date: _____

1

$$\begin{array}{r} 2.43 \\ \diagup \quad | \quad \diagdown \end{array}$$

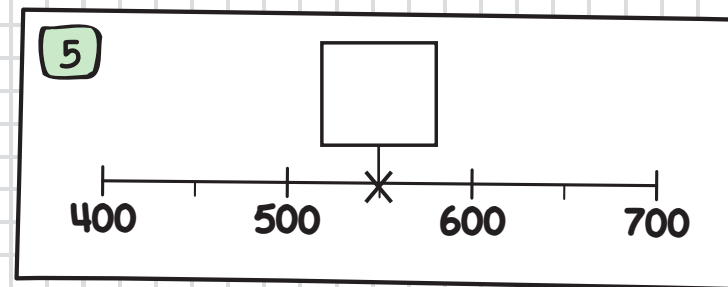
2 Place in order
3785 3587 5738

3

42, 49, , , 70

4

6000, , ,
6750, 7000



6

$362 + = 1000$

7

$91 \times 100 =$

8

$8 \times 9 =$
 $60 \times 80 =$

9

$$\begin{array}{r} 685 \\ - 89 \\ \hline \end{array}$$

10

$$2 \overline{)76}$$





Name: _____

Class: _____

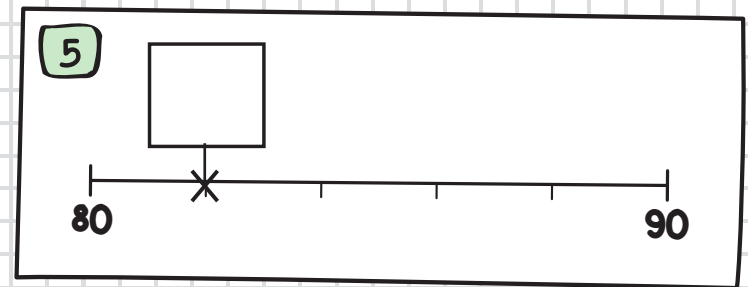
Date: _____

1 7.64

2 Place in order
7613 7316 6731

3
45, 54, 63, ,

4 2500, , 7500,
10000,



6 $548 + = 1000$

7 $84 \times 100 =$

8 $7 \times 7 =$
 $800 \times 40 =$

9
$$\begin{array}{r} 5423 \\ - 638 \\ \hline \end{array}$$

10 $4 \overline{)72}$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

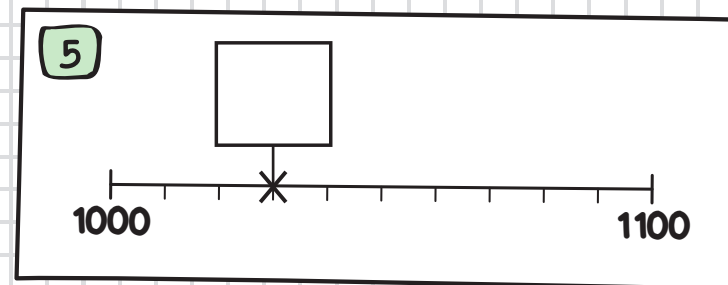
Date: _____

1 9.52

2 Place in order
7865 5876 5768

3 36, 42, , 54,

4 1500, 1750, ,
2500



6 $171 + \quad = 1000$

7 $76 \times 100 =$

8 $6 \times 9 =$
 $70 \times 800 =$

9
$$\begin{array}{r} 7216 \\ - 487 \\ \hline \end{array}$$

10
$$5 \overline{)95}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

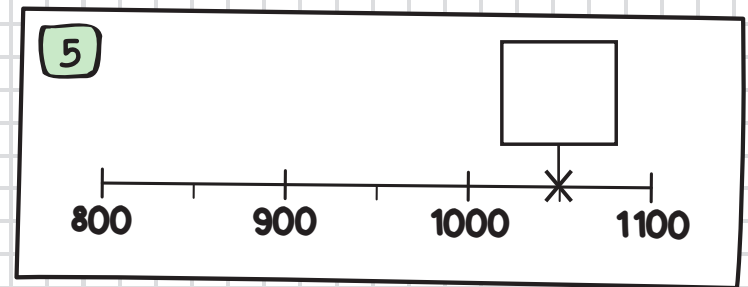
Date: _____

1 3.67

2 Place in order
8491 8194 8419

3 35, , 49, , 63

4 7500, , 12500,
15000,



6 $263 + = 1000$

7 $49 \times 100 =$

8 $8 \times 4 =$
 $600 \times 700 =$

9
$$\begin{array}{r} 3 \overline{) 65} \\ - 488 \\ \hline \end{array}$$

10
$$3 \overline{) 87}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

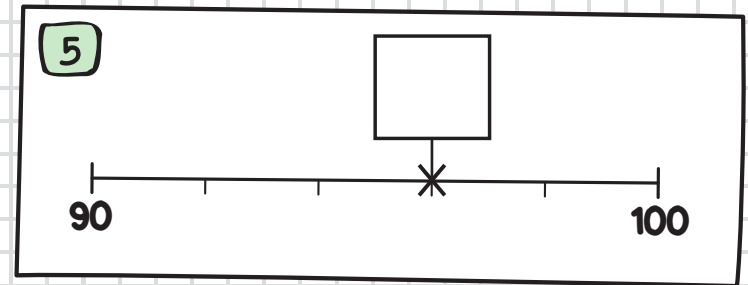
Date: _____

1 8.46

2 Place in order
5378 5783 5387

3 54, , , 81, 90

4 750, , ,
1500, 1750



6 $457 + = 1000$

7 $68 \times 100 =$

8 $7 \times 6 =$
 $800 \times 300 =$

9
$$\begin{array}{r} 8026 \\ - 359 \\ \hline \end{array}$$

10
$$4 \overline{)68}$$





Name:

Class:

Date:

1

$$\begin{array}{c} 4.89 \\ \swarrow \quad \downarrow \quad \searrow \\ 4 \quad 0.8 \quad 0.09 \end{array}$$

2

Place in order
3142 2143 2431
2143 2431 3142

3

36, 45, 54, 63, 72

4

1250, 1500, 1750,
2000, 2250



6

$483 + 517 = 1000$

7

$36 \times 100 = 3600$

8

$7 \times 8 = 56$
 $7 \times 40 = 280$

9

$$\begin{array}{r} 5686 \\ - 749 \\ \hline 4937 \end{array}$$

10

$$\begin{array}{r} 27 \\ 3 \overline{)81} \end{array}$$


MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____

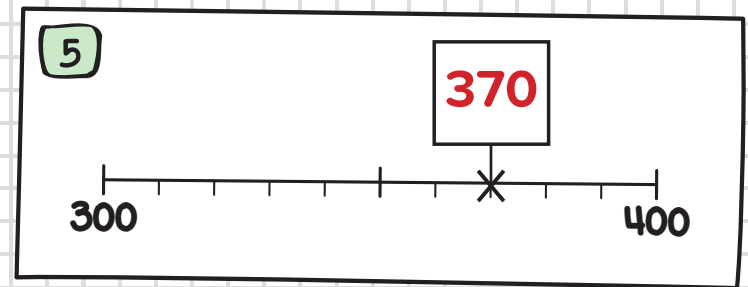
1

$$\begin{array}{c} 3.76 \\ \swarrow \quad \downarrow \quad \searrow \\ 3 \quad 0.7 \quad 0.06 \end{array}$$

2 Place in order
4625 5246 4256
4256 4625 5246

3
18, 24, 30, 36, 42

4
500, 750, 1000,
1250, 1500



6

$$275 + 725 = 1000$$

7

$$43 \times 100 = 4300$$

8

$$6 \times 7 = 42$$
$$8 \times 30 = 240$$

9

$$\begin{array}{r} 7283 \\ - \quad 27 \\ \hline 7256 \end{array}$$

10

$$\begin{array}{r} 26 \\ 2 \overline{) 52} \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!



Name: _____

Class: _____

Date: _____

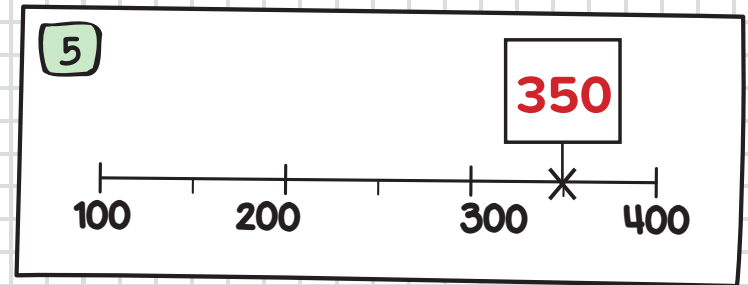
1

$$\begin{array}{c} 5.28 \\ \swarrow \quad \downarrow \quad \searrow \\ 5 \quad 0.2 \quad 0.08 \end{array}$$

2 Place in order
5381 8135 5138
5138 5381 8135

3
21, 28, **35**, **42**, 49

4
0, 2500, **5000**
, 7500, 10000



6

$$614 + \mathbf{386} = \mathbf{1000}$$

7

$$57 \times 100 = \mathbf{5700}$$

8

$$\mathbf{6} \times \mathbf{8} = \mathbf{48}$$
$$\mathbf{6} \times \mathbf{90} = \mathbf{540}$$

9

$$\begin{array}{r} 2461 \\ - 615 \\ \hline \end{array}$$

1846

10

$$\begin{array}{r} \mathbf{24} \\ 4 \overline{)96} \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!



Name: _____

Class: _____

Date: _____

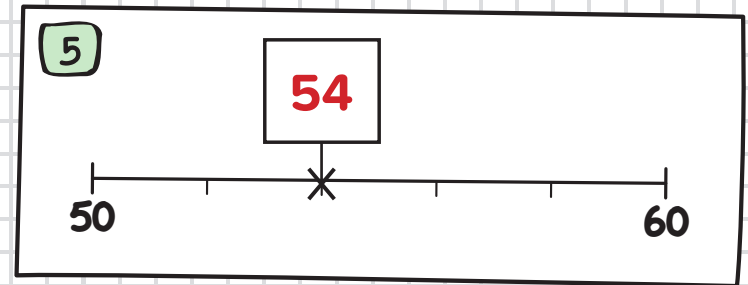
1

$$\begin{array}{r} 6.35 \\ \swarrow \quad \downarrow \quad \searrow \\ 6 \quad 0.3 \quad 0.05 \end{array}$$

2 Place in order
2374 3472 3427
2374 3427 3472

3
18, **27**, **36**, 45, 54

4
5000, 7500, 10000,
12500 , 15000 , 17500



6

$$736 + \mathbf{264} = \mathbf{1000}$$

7

$$28 \times 100 = \mathbf{2800}$$

8

$$\mathbf{7} \times \mathbf{9} = \mathbf{63}$$
$$\mathbf{60} \times \mathbf{30} = \mathbf{1800}$$

9

$$\begin{array}{r} 1820 \\ - \quad 76 \\ \hline \mathbf{1744} \end{array}$$

10

$$\begin{array}{r} \mathbf{15} \\ 5 \overline{)75} \end{array}$$

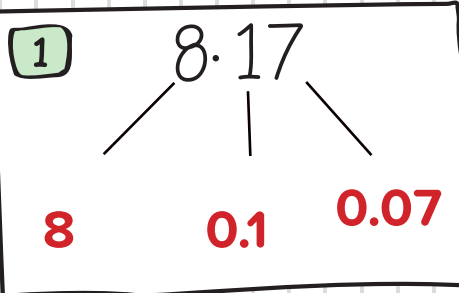




Name:

Class:

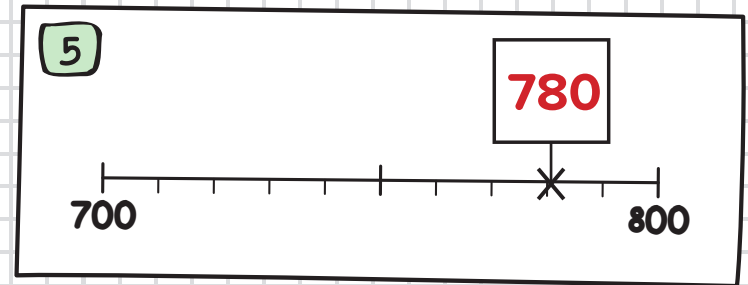
Date:



2 Place in order
~~6409~~ ~~6094~~ ~~4960~~
 4960 6094 6409

3
 30, **36**, 42, **48**, 54

4
 2750, 3000, **3250**
,3500, 3750



6
~~809~~ + **191** = **1000**

7
 65 x 100 = **6500**

8
 $6 \times 9 = \mathbf{54}$
~~70~~ x ~~800~~ = **56000**

9

4354
 - 187
 ———
4167

10

26
 3 | 78



MY LAST SCORE?!

HAVE I BEAT THAT?!



Name:

Class:

Date:

1

$$\begin{array}{c} 2.43 \\ \swarrow \quad \downarrow \quad \searrow \\ 2 \quad 0.4 \quad 0.03 \end{array}$$

2 Place in order

3785 3587 5738

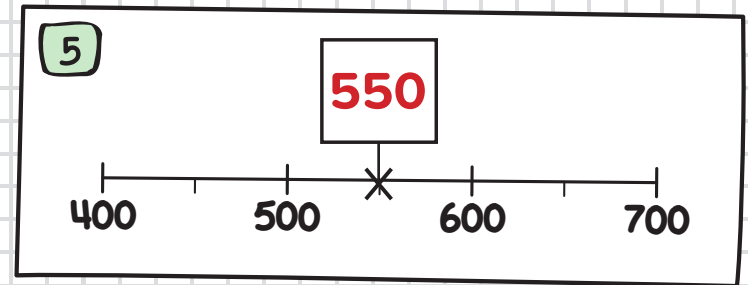
3587 3785 5738

3

42, 49, **56**, **63**, 70

4

6000, **6250**, **6500**,
6750, 7000



6

362 + 638 = 1000

7

$91 \times 100 = \mathbf{9100}$

8

$8 \times 9 = \mathbf{72}$

$60 \times 80 = \mathbf{4800}$

9

$$\begin{array}{r} 685 \\ - 89 \\ \hline \mathbf{6726} \end{array}$$

10

$$\begin{array}{r} 38 \\ 2 \overline{)76} \end{array}$$


MY LAST SCORE?!

HAVE I BEAT THAT?!



Name:

Class:

Date:

1

$$\begin{array}{c} 7.64 \\ \swarrow \quad \downarrow \quad \searrow \\ 7 \quad 0.6 \quad 0.04 \end{array}$$

2 Place in order
7613 7316 6731
6731 7316 7613

3
45, 54, 63, 72, 81

4 2500, 5000, 7500,
10000, 12500



6

$$548 + 452 = 1000$$

7

$$84 \times 100 = 8400$$

8

$$7 \times 7 = 49$$

$$8000 \times 400 = 3200000$$

9

$$\begin{array}{r} 5423 \\ - 638 \\ \hline 4785 \end{array}$$

10

$$\begin{array}{r} 18 \\ 4 \overline{)72} \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____

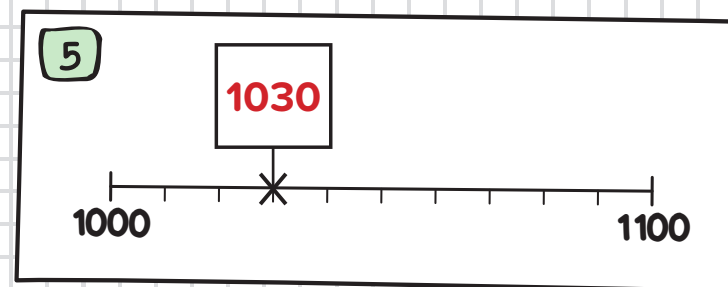
1

$$\begin{array}{r} 9.52 \\ \swarrow \quad \downarrow \quad \searrow \\ 9 \quad 0.5 \quad 0.02 \end{array}$$

2 Place in order
7865 5876 5768
5768 5876 7865

3
36, 42, **48**, 54, **60**

4
1500, 1750, **2000**,
2250, 2500



6

$$171 + \mathbf{829} = \mathbf{1000}$$

7

$$76 \times 100 = \mathbf{7600}$$

8

$$\mathbf{6} \times \mathbf{9} = \mathbf{54}$$
$$\mathbf{70} \times \mathbf{800} = \mathbf{56000}$$

9

$$\begin{array}{r} 7216 \\ - 487 \\ \hline \mathbf{6729} \end{array}$$

10

$$\begin{array}{r} \mathbf{19} \\ 5 \overline{)95} \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!



Name:

Class:

Date:

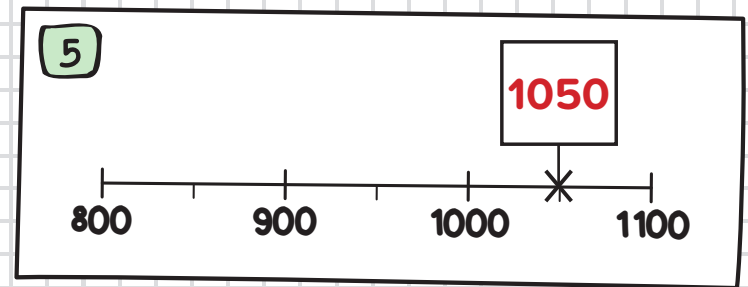
1

$$\begin{array}{c} 3.67 \\ \swarrow \quad \downarrow \quad \searrow \\ 3 \quad 0.6 \quad 0.07 \end{array}$$

2 Place in order
8491 8194 8419
8194 8419 8491

3
35, 42, 49, 56, 63

4
7500, 10000, 12500,
15000, 17500



6

$$263 + 737 = 1000$$

7

$$49 \times 100 = 4900$$

8

$$8 \times 4 = 32$$

$$600 \times 700 = 420000$$

9

$$\begin{array}{r} 3165 \\ - 488 \\ \hline 2677 \end{array}$$

10

$$\begin{array}{r} 29 \\ 3 \overline{)87} \end{array}$$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name: _____

Class: _____

Date: _____

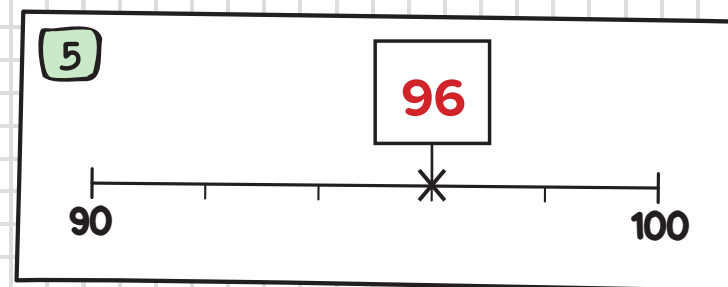
1

$$\begin{array}{c} 8.46 \\ \swarrow \quad \downarrow \quad \searrow \\ 8 \quad 0.4 \quad 0.06 \end{array}$$

2 Place in order
5378 5783 5387
5378 5387 5783

3
54, **63**, **72**, 81, 90

4
750, **1000**, **1250**,
1500, 1750



6

$$457 + \mathbf{543} = 1000$$

7

$$68 \times 100 = \mathbf{6800}$$

8

$$\mathbf{7} \times \mathbf{6} = \mathbf{42}$$
$$\mathbf{800} \times \mathbf{300} = \mathbf{240000}$$

9

$$\begin{array}{r} 8026 \\ - 359 \\ \hline \mathbf{7667} \end{array}$$

10

$$\begin{array}{r} \mathbf{17} \\ 4 \overline{) 68} \end{array}$$

