Date	**7.1.20**
Subject/s	**Maths**
Learning Objective	To compare decimals.

		SA	TA

Success Criteria	I can place the numbers in a place value grid		
✓! ▤	I can start with the highest value column		
	I can compare digits from the same column		
Support	Independent Adult Support ( ) Group Work		

Lockdown learning

Pre-task

Which is bigger? 6.79 or 6.8?

Teacher led	Fluency

Teacher led:

When you go onto Fluency, Spruces should do A and B. Willows should do A and do B if they would like a challenge.

Please let me know if you need any help! Dojo your teacher your work, we can't wait to give Dojo's out for all your hard work.

7.1.21   Comparing fractions.

Pretask-   6.7 9
            6.8 0   Add a
                     place holder
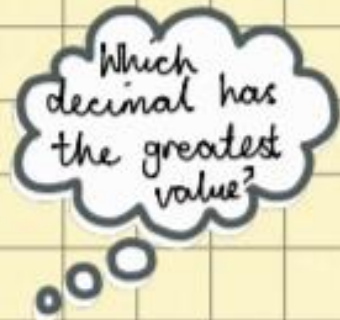   so they have the
6.7 9 < 6.8   same amount of
                     digits.

Teacher led

                Watch this if you
                would like some extra
                help when comparing

                        Which
                        decimal has
                        the greatest
                        value?

                Compare
                3.2 8   3.6 3.

First, what symbols can I use to
compare numbers?

    >   <   =
Greater than   Less than   Equal

When we compare decimals (or any numbers) it is useful to line them up in a column.

Remember, you can add place holders to make the numbers have an equal amount of digits.

> If you find this tricky, use a PV grid!

1) 6.73 > 6.297

Start with the ones. 7 is greater than 2.

10s	1s	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
	6	7	3	0
	6	2	9	7

↳ equal so move to $\frac{1}{10}$

2) 3.29 < 3.3

10s	1s	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
	3	2	9	
	3	3	0	

=

3) 9.88 > 8.979

10s	1s	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
	9	8	8	
	8	9	7	9

Fluency

A

1) 3.5   3.7   2) 4.26   4.6

3) 6.6   6.11   4) 9.88   8.99

5) 3.45   4.53   6) 7.8   7.18

7) 9.42   9.24   8) 1.13   1.3

9) 5.66   6.05   10) 2.8   2.3

B

1) 0.144   0.411
2) 0.5   0.45
3) 0.993   0.939
4) 0.417   0.47
5) 2.55   0.258
6) 0.061   0.16

Answers — A

1) $3.5 < 3.7$ 2) $4.26 < 4.6$

3) $6.6 > 6.11$ 4) $9.88 > 8.99$

5) $3.45 < 4.53$ 6) $7.8 > 7.18$

7) $9.42 > 9.24$ 8) $1.13 < 1.3$

9) $5.66 < 6.05$ 10) $2.8 > 2.3$
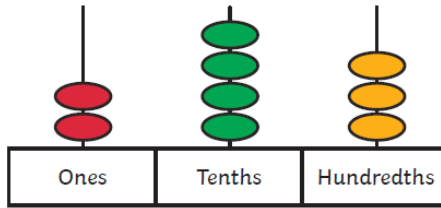
Answers — B

1) $0.144 < 0.411$
2) $0.5 > 0.45$
3) $0.993 > 0.939$
4) $0.417 < 0.47$
5) $2.55 > 0.258$
6) $0.061 < 0.16$

Problem solving and reasoning:

Is this statement true or false?

Convince me!

Alex says,

3.105 is greater than 3.2 because 105 is greater than 2

Do you agree?
Explain your answer.

Explain it!

You can only use the top cards once.
Fill in the gaps to make the number sentence make sense.

| 1 | 2 | 2 | 3 | 3 |

2 . ☐ ☐   5   <   2 . ☐ ☐ ☐

Use it!