Good morning Y4

We are going to continue looking at decimal numbers. We will be comparing two numbers to see which is the biggest or smallest and ordering numbers.
Go through the slide and have a go at the tasks at the end.
If you get stuck email us! ☺

To order and compare decimals.

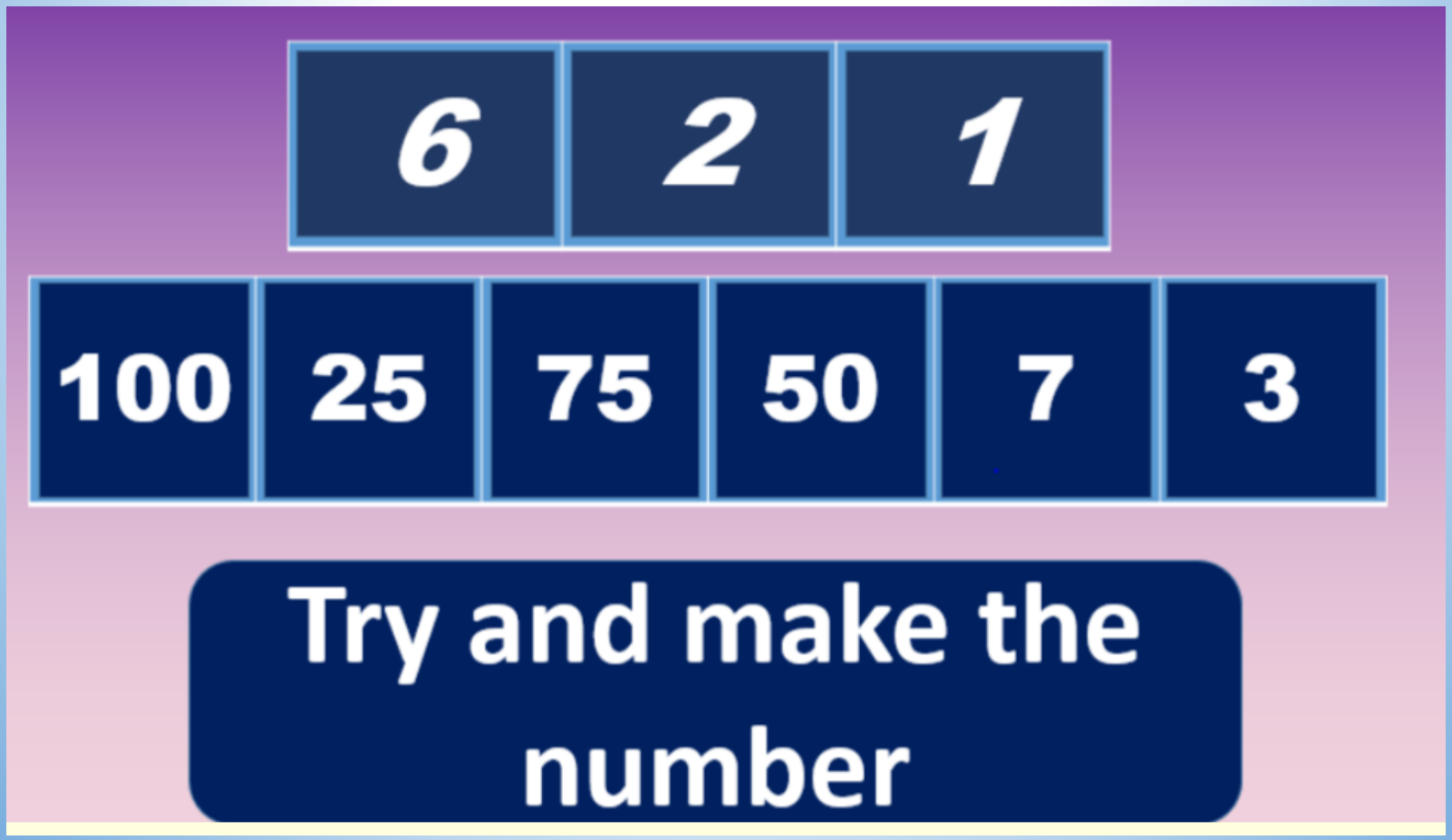
Success Criteria

Recognise tenths and hundredths in a decimal

Identify the bigger number

Discuss and compare decimals

Mental Warm Up – use + - x ÷ to make the number using the 6 numbers



Which number is bigger?

27 or 81

368 or 271

405 or 450

How would you put these numbers in ascending order? (smallest to biggest)

729 369 663 286

Which number is bigger?

2.7	OR	21
3.6	OR	6.3
4.44	OR	4.50

Put these numbers in ascending order?

1.7 2.3 0.8 1.9

Put these numbers in ascending order?

12.0 11.3 11.1 10.9

https://app.mymaths.co.uk/54-lesson/ordering-decimals?hasFlash=true

Click on the link and complete slides 1-6

Compare these decimals using the symbols < , = , >

1.2 ☐ 3.8

1.03 ☐ 1.30

Introduction

Find 6 complements (number bonds) of 1 on the grid below.

0.7	0.4	0.6	0.11	0.08
0.59	0.1	0.22	0.73	0.27
0.55	0.1	0.8	0.98	0.5
0.45	0.09	0.1	0.2	0.64
0.44	0.9	0.23	0.7	0.36

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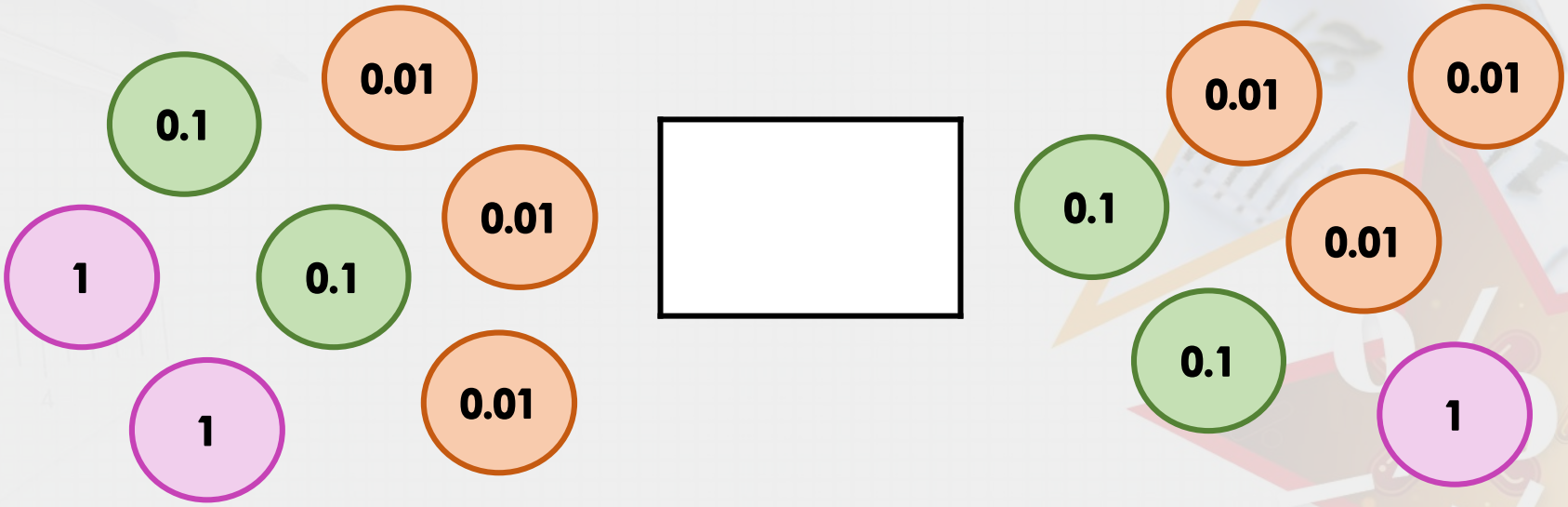
0.44	0.9	0.23	0.7	0.36

Varied Fluency 1

Write down and compare these decimal numbers using >, < or =.



Varied Fluency 1

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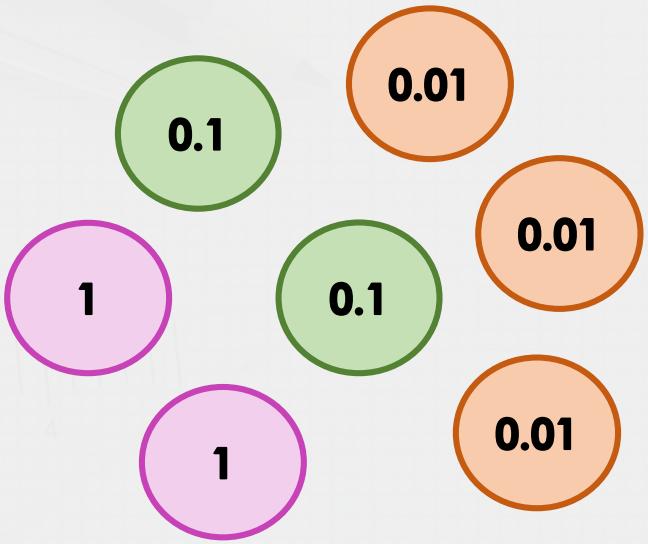


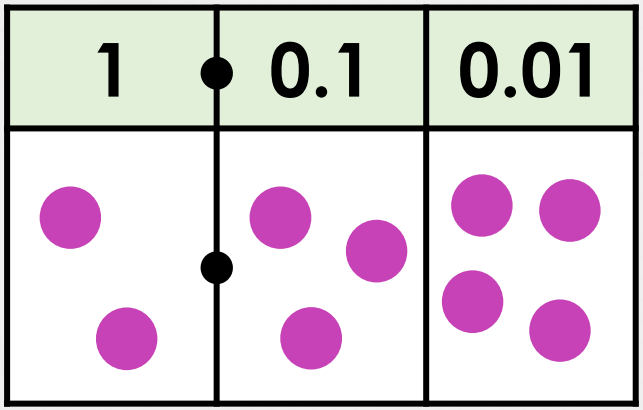
>

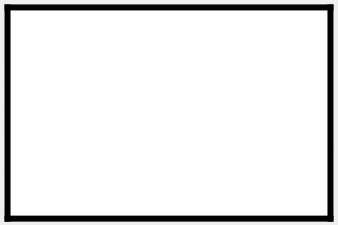
2.23

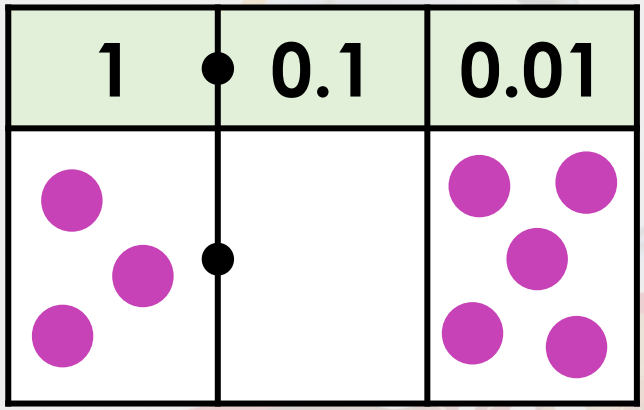
1.23

Varied Fluency 2

Use >, < or = to compare these decimal numbers.

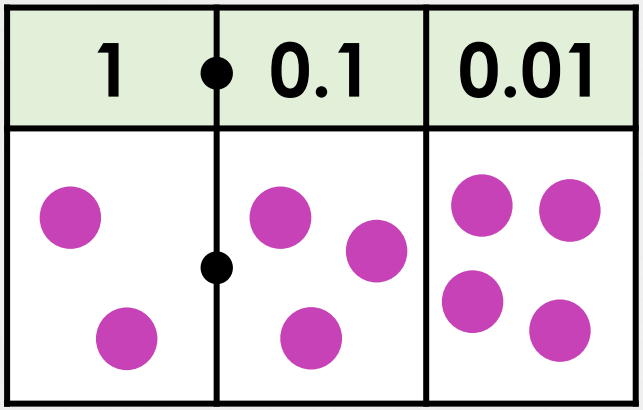






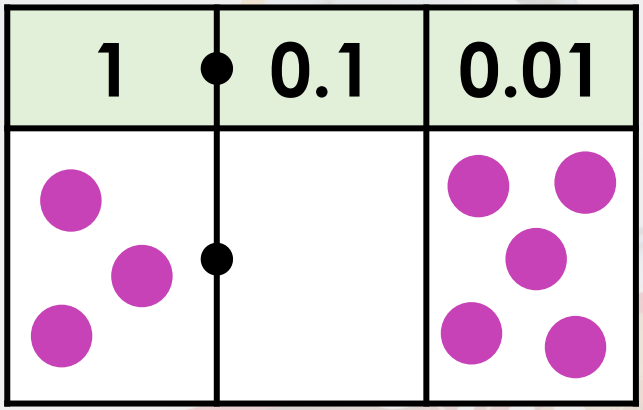
Varied Fluency 2

Use >, < or = to compare these decimal numbers.



2.34

<



3.05

Varied Fluency 3

Use > or < to compare these decimal numbers.

5.63 ☐ **5.36**

1.04 ☐ **1.4**

7.8 ☐ **7.79**

Varied Fluency 3

Use > or < to compare these decimal numbers.

5.63	>	5.36
1.04	<	1.4
7.8	>	7.79

Varied Fluency 4

Using digits from 1 to 9, make these statements correct.

$0.54 > 0.5\square$

$0.1\square < 0.18$

$0.72 = 0.\square 2$

Varied Fluency 4

Using digits from 1 to 9, make these statements correct.

Various possible answers, for example:

$0.54 > 0.5\boxed{3}$

$0.1\boxed{7} < 0.18$

$0.72 = 0.\boxed{7}2$

Problem Solving 1

Travel vertically or horizontally through the maze by moving from smaller to larger decimal numbers.

Start

6.23	6.45	6.81	6.41
6.19	6.28	6.93	6.49
6.48	6.59	7.02	7.56
7.86	7.99	6.61	8.01

Finish

Problem Solving 1

Travel vertically or horizontally through the maze by moving from smaller to larger decimal numbers.

Start

6.23	6.45	6.81	6.41
6.19	6.28	6.93	6.49
6.48	6.59	7.02	7.56
7.86	7.99	6.61	8.01

Finish

Problem Solving 2

Use >, < and = to compare the partitioned decimal numbers.

$0.6 + 0.02 \quad \square \quad 0.3 + 0.3$

$0.04 + 0.05 \quad \square \quad 0.4 + 0.05$

Problem Solving 2

Use >, < and = to compare the partitioned decimal numbers.

$0.6 + 0.02$ [>] $0.3 + 0.3$

$0.04 + 0.05$ [<] $0.4 + 0.05$

TASKS

Choose the one you feel most comfortable with. Sheets are in a separate document for all tasks.

*Order the numbers given from smallest to largest

**Monster line up

*** Game and Task sheet

*Order the numbers below smallest to largest.

9.6	5	9.5	5.3	3.9
7.9	1.7	2.7	6.6	1.6

**SEE SEPARATE SHEET

Monster Line-Up

The pupils in Class 3 at Monster High are all different heights. Cut out each monster. Draw a number line and put each monster in the appropriate place on your number line.


1.1m


2.1m


1.8m


0.9m


0.6m


1.6m

Complete the statements by writing < or > in each box.

0.6m ☐ 1.1m 1.1m ☐ 0.9m 1.8m ☐ 0.6m

2.1m ☐ 1.8m 1.6m ☐ 2.1m 0.9m ☐ 1.6m

Class 4 at Monster High have measured themselves more accurately. Cut out each monster and draw another number line to place these monsters on.


1.32m


1.05m


1.97m


1.50m


1.76m

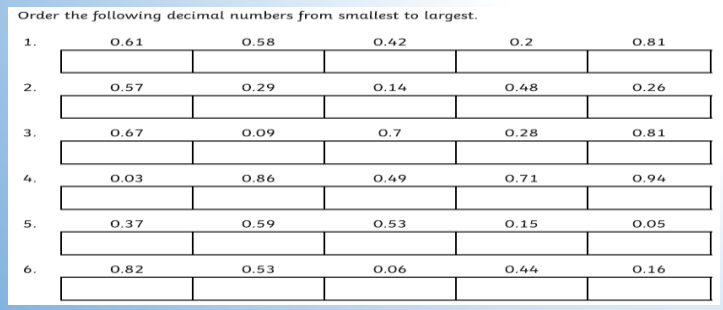

1.18m

***Have a go at the game first and then the other activity.

- Click on the link for DEEP ACTIVITY

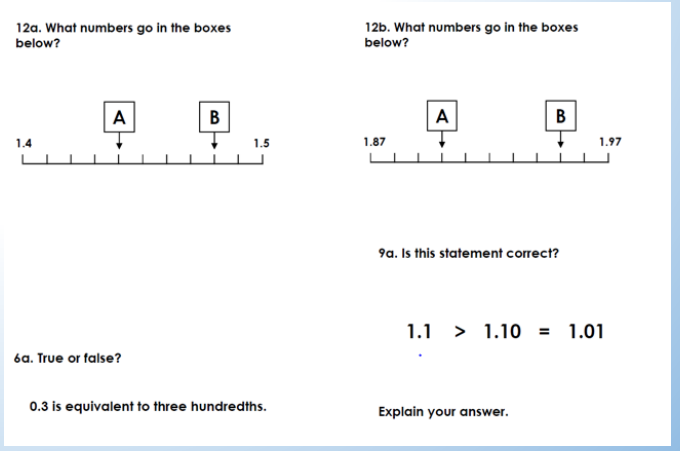
http://www.teacherled.com/ iresources/decimals/comparedecimals/

- Complete the task sheet
- Eg.



Order the following decimal numbers from smallest to largest.

1.	0.61	0.58	0.42	0.2	0.81
2.	0.57	0.29	0.14	0.48	0.26
3.	0.67	0.09	0.7	0.28	0.81
4.	0.03	0.86	0.49	0.71	0.94
5.	0.37	0.59	0.53	0.15	0.05
6.	0.82	0.53	0.06	0.44	0.16



12a. What numbers go in the boxes below?

6a. True or false?

0.3 is equivalent to three hundredths.

12b. What numbers go in the boxes below?

9a. Is this statement correct?

1.1 > 1.10 = 1.01

Explain your answer.