

Maths

Compare Decimals

Class 4 - 12.07.21

Lesson Objective

- Lesson Objective: To understand what a decimal number is and be able to order and compare different decimal numbers.

Step 3: Compare Decimals

Introduction

Find 6 complements 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

Introduction

Find 6 complements of 1 on the grid below.

0.7	0.4	0.6	0.11	0.08
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0.45	0.09	0.1	0.2	0.64
0.44	0.9	0.23	0.7	0.36

Varied Fluency 1

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

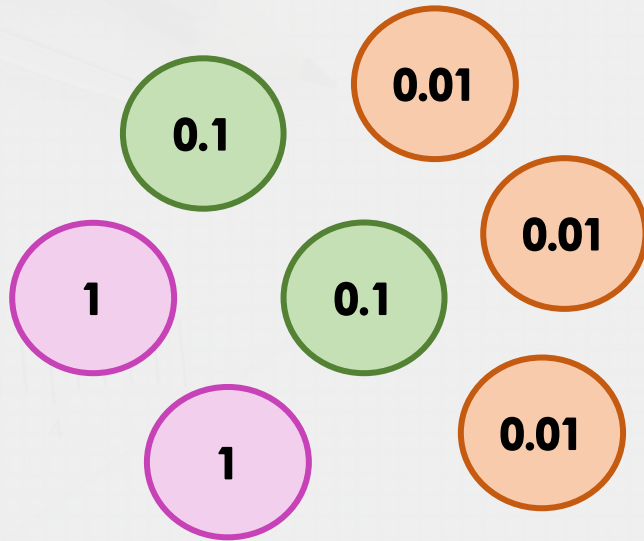
Left set of numbers: 1, 0.1, 0.01, 0.1, 0.01, 1, 0.01

Right set of numbers: 0.1, 0.01, 0.01, 0.1, 0.01, 1

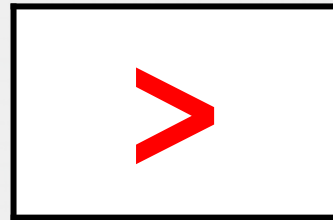
Comparison box:

Varied Fluency 1

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



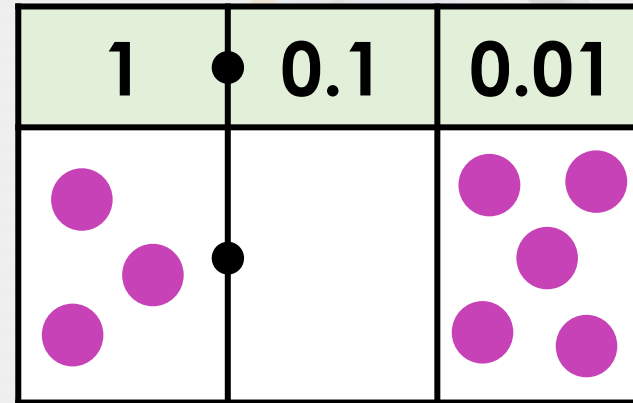
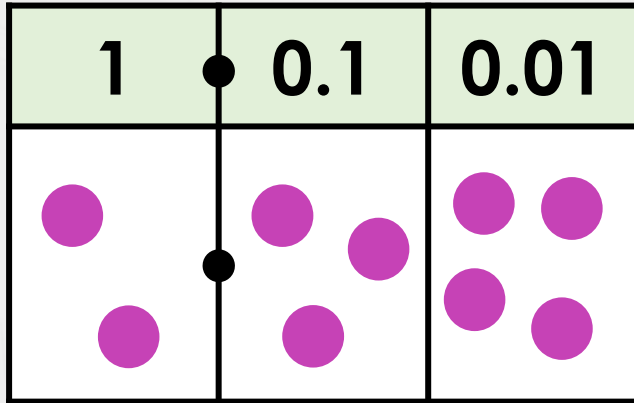
2.23



1.23

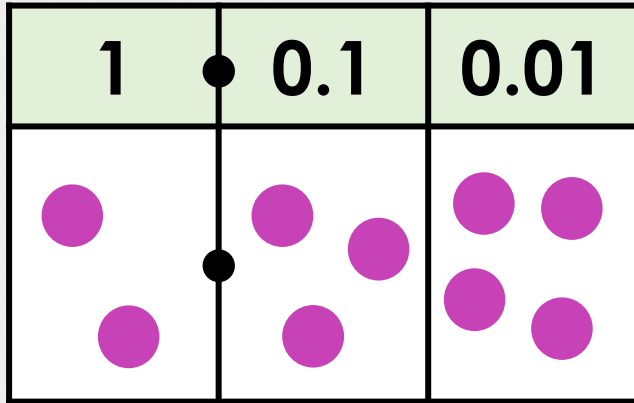
Varied Fluency 2

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

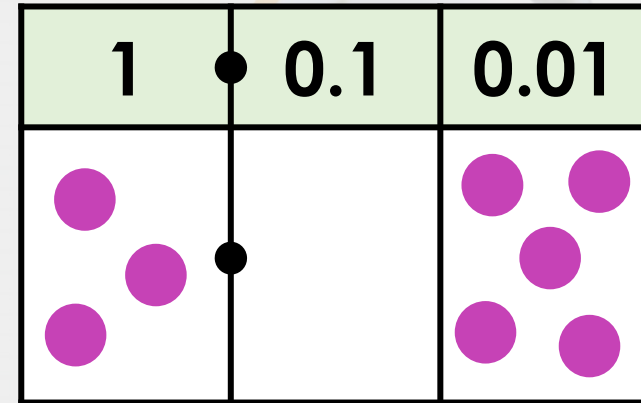
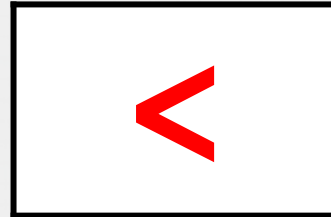


Varied Fluency 2

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

Success Criteria

- Red Task - I can order a range of decimal numbers from smallest to largest to 1/2 decimal places.
- Yellow Task - I can compare decimal numbers in different contexts and can use greater and less than signs to make accurate comparisons.
- Green Task - I can compare decimal numbers in different contexts and can provide reasoning to justify my answers.