

What is found in an Engaging Mathematics TEKS-based activity?

Each activity addresses a specific student expectation that is reflected in the content objective.

Comparing and Ordering Decimals, Activity 2 5(2)(B)

Activity Objective

The student will compare decimal numbers to sort the numbers into a graphic organizer.

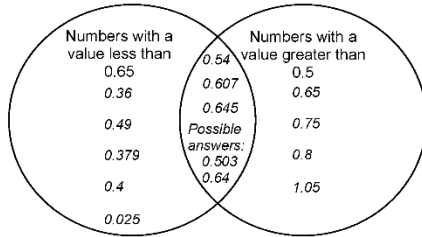
Materials

- **Sorting Numbers**

Facilitation Questions

- How can you use place value to help you sort the numbers?
I can compare the numbers by lining up the decimal points and comparing the digits according to their place values, starting with the digits in the greatest place value position.
- What is true about the numbers that are placed in the overlapping region of the graphic organizer?
These numbers are greater than 0.5 and less than 0.65.
- What is true about the numbers that are not placed inside either circle?
These numbers are either less than or equal to 0.25 or greater than or equal to 1.

Answers



Common classroom materials are used for ease of preparation. Materials are listed 1-per-student unless otherwise noted. Page titles for student handouts are represented with bold font.

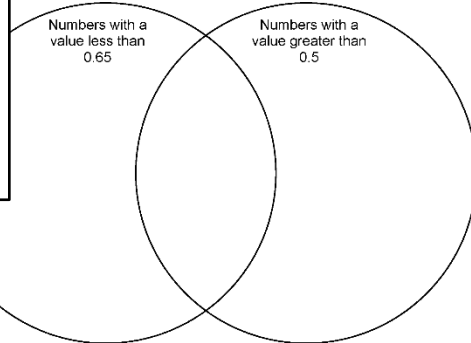
Facilitation questions are provided for teacher use when supporting student thinking and discourse.

Date: _____

Sorting Numbers

Graphic organizer to sort the numbers based on their values. Additional numbers that belong in the overlapping region of the graphic organizer.

0.379	0.607	0.8	0.4	0.025
0.75	0.36	0.54	0.645	0.49



An answer key is included for each activity.

Each activity includes an opportunity for students to articulate and summarize aspects of their learning.

Communicating about Mathematics

How did you determine which numbers to place in the overlapping region of the graphic organizer?
