Real Numbers: any # whose exact location can be found on a # line; this includes irrational #’s!

Irrational Numbers: non-term./non-repeating decimal

\pi \sqrt{2}

Rational Numbers: any # that can be written as a fraction

Integers: +/- whole #

Whole Numbers: 0, 1, 2, 3, 4, ...

Natural Numbers: counting #’s (1, 2, 3, 4, ...)

Note: The term “exact” has been crossed out and replaced with “location can be found on a # line” for clarity.
Sort the numbers into the appropriate group.

Are you having trouble? Why?
Use the Venn Diagram to organize the numbers. Each "circle" within the diagram should have a title. Place the numbers in the correct section of the diagram. Be as specific as possible when assigning each number to a circle.
Number Sort Activity Lesson 1.4

- Real numbers
  - Irrational numbers: π, 0.349...
  - Rational numbers: 0.4, 0.5
  - Integers: -6, 2
  - Whole numbers: 0, -125
  - Natural numbers: 2, 5, 9
  - Fractions: 2/3, 3/5, 5/3

- Rational numbers:
  - Integers: -10/2
  - Whole numbers: 0
  - Natural numbers: 2, 5, 9

- Integers:
  - Whole numbers: -125

- Whole numbers:
  - Natural numbers: 2

- Natural numbers: