Rational Numbers Venn Diagram Activity

Directions

Place each number in the correct region of the Venn diagram. Write each number in the MOST specific set where it belongs.
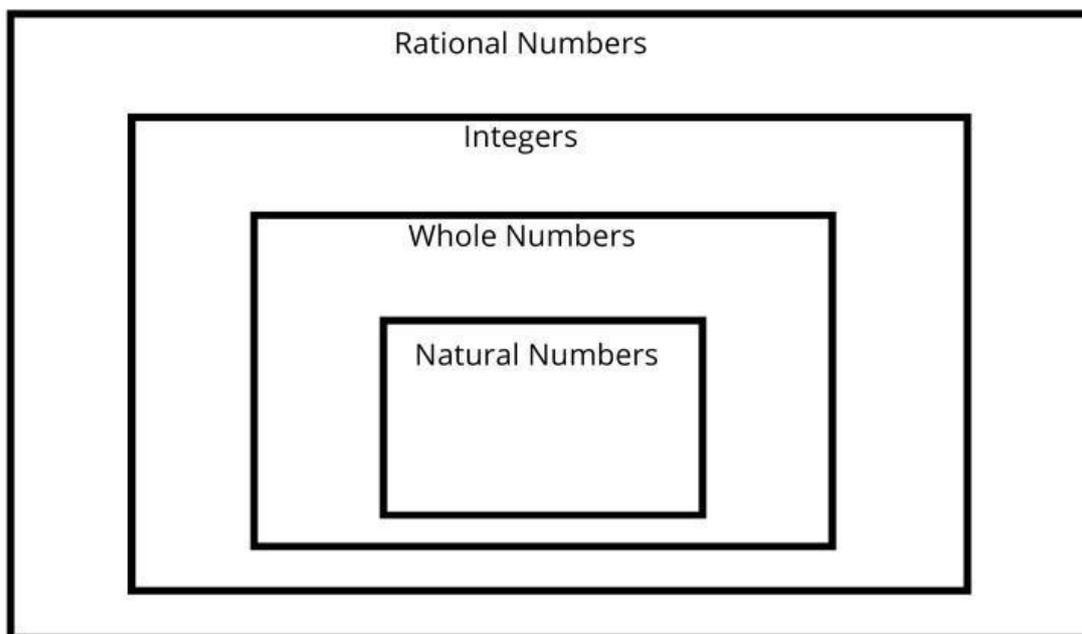
Numbers to Classify

8, 0, -5, 3/4, -2.25, √ 49, -9/3, 0.6, 1, -0.333..., √ 36, -1

Notes

- Simplify before classifying
- Repeating and terminating decimals are rational
- Square roots can be rational if they simplify to whole numbers

Venn Diagram

Rational Numbers

Integers

Whole Numbers

Natural Numbers

Justify Your Thinking

Choose at least THREE numbers and explain why they belong in their set.

1. _____
2. _____
3. _____