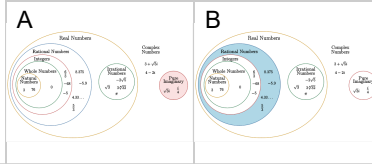


Number Types (Complex) - Description to Diagram Section - Real, Imaginary, and Complex Numbers

1

Select the grouping that matches this description

Any number that can be expressed as a fraction of two integers (e.g., $1/2$, $-3/4$, 5).

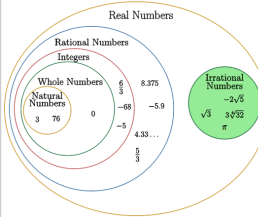


2

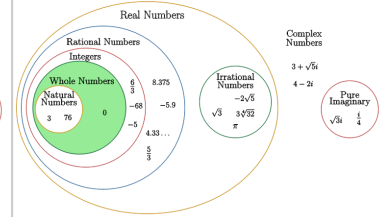
Select the grouping that matches this description

A non-negative integer (0, 1, 2, 3, ...).

A



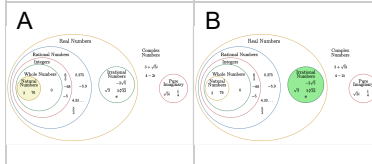
B



3

Select the grouping that matches this description

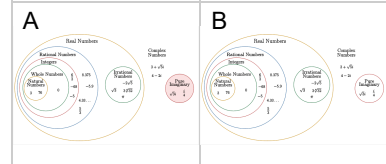
A number that cannot be expressed as a simple fraction (e.g., $\sqrt{2}$, π).



4

Select the grouping that matches this description

A number that can be expressed as a real number multiplied by the imaginary unit i (e.g., $-2.5i$).

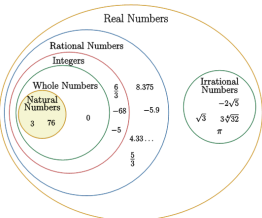


5

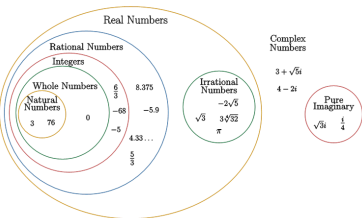
Select the grouping that matches this description

A positive integer (1, 2, 3, ...).

A



B



6

Select the grouping that matches this description

Any number that can be found on the number line, including both rational and irrational numbers.

