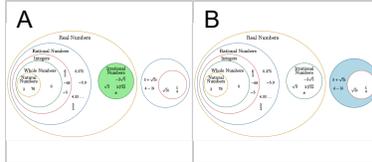


## Number Types (Complex) - Description to Diagram Section - Real, Imaginary, and Complex Numbers

1

Select the grouping that matches this description

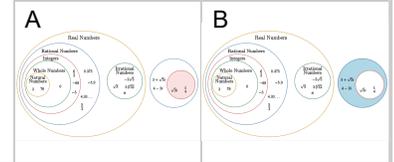
A number that cannot be expressed as a simple fraction (e.g.,  $\sqrt{2}$ ,  $\pi$ ).



2

Select the grouping that matches this description

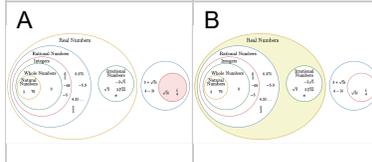
A number that includes a real part and an imaginary part (e.g.,  $3 + 4i$ ).



3

Select the grouping that matches this description

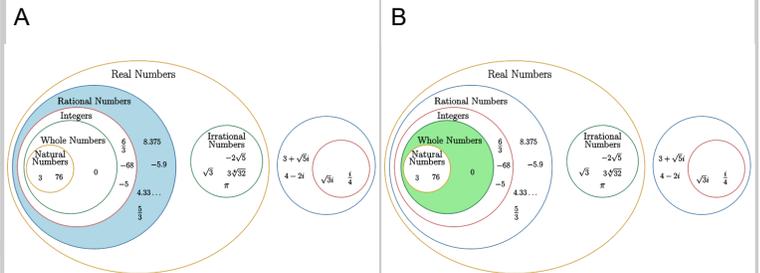
A number that can be expressed as a real number multiplied by the imaginary unit  $i$  (e.g.,  $-2.5i$ ).



4

Select the grouping that matches this description

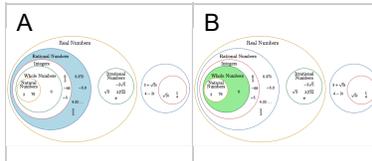
A non-negative integer (0, 1, 2, 3, ...).



5

Select the grouping that matches this description

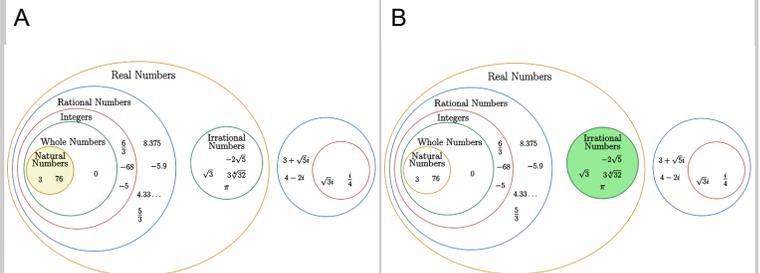
Any number that can be expressed as a fraction of two integers (e.g.,  $1/2$ ,  $-3/4$ ,  $5$ ).



6

Select the grouping that matches this description

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



7

Select the grouping that matches this description

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

