Name

Number Types (Complex) - Description to Set Builder Letter - Real, Imaginary, and Complex Numbers

1

Select the symbol that matches this description

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

A $\mathbb{N}$	B $\mathbb{R}$
C $\mathbb{Q}$	D $\mathbb{Q}'$

2

Select the symbol that matches this description

A number that cannot be expressed as a simple fraction (e.g., √2, π).

A i	B $\mathbb{N}$
C $\mathbb{R}$	D $\mathbb{Q}'$

3

Select the symbol that matches this description

A number that has either/both a real and an imaginary part (e.g., 6, -7i, 3 + 4i).

A $\mathbb{W}$	B i
C $\mathbb{Q}$	D $\mathbb{C}$

4

Select the symbol that matches this description

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

A $\mathbb{N}$	B $\mathbb{Q}'$
C $\mathbb{Q}$	D $\mathbb{W}$

5

Select the symbol that matches this description

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

A $\mathbb{N}$	B i
C $\mathbb{Q}$	D $\mathbb{C}$

6

Select the symbol that matches this description

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

A $\mathbb{R}$	B $\mathbb{Q}'$
C i	D $\mathbb{N}$

7

Select the symbol that matches this description

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

A $\mathbb{Q}$	B $\mathbb{N}$
C $\mathbb{W}$	D $\mathbb{C}$