



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

1

Select the number type that matches this description

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

A	Real Number	B	Whole Number
C	Irrational Number	D	Natural Number

2

Select the number type that matches this description

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

A	Real Number
B	Whole Number
C	Rational Number
D	Pure Imaginary Number

3

Select the number type that matches this description

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

A	Irrational Number	B	Natural Number
C	Imaginary Number	D	Real Number

4

Select the number type that matches this description

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

A	Whole Number	B	Natural Number
C	Rational Number	D	Irrational Number

5

Select the number type that matches this description

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

A	Natural Number	B	Irrational Number

6

Select the number type that matches this description

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

A	Whole Number	B	Rational Number
C	Natural Number	D	Irrational Number

7

Select the number type that matches this description

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

A	Complex Number
B	Irrational Number

8

Select the number type that matches this description

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

A	Irrational Number	B	Whole Number
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