



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

Complex Numbers

1 Select the number type that matches this description A positive integer (1, 2, 3, ...).

A	B
Irrational Number	Natural Number

2 Select the number type that matches this description

A	Irrational Number	B	Natural Number
C	Whole Number		

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

4 Select the number type that matches this description

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

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

5 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	Whole Number	B	Real Number
C	Natural Number	D	Rational Number

6 Select the number type that matches this description

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

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

7 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	Irrational Number
B	Rational Number
C	Pure Imaginary Number
D	Whole Number