



## Number Types (Real) - Set Builder Definition to Classification - Whole, Natural, Integer, Rational, Irrational Numbers

1 What type of number does this set definition represent  $\{x \mid x \in \mathbb{R}\}$

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

What type of number does this set definition represent  $\{x \mid x \in \mathbb{N}\}$

A Irrational Number
B Natural Number

3 What type of number does this set definition represent  $\{x \mid x \in \mathbb{W}\}$

A Irrational Number
B Whole Number

4 What type of number does this set definition represent  $\{x \mid x \in \mathbb{Q}\}$

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

5 What type of number does this set definition represent  $\{x \mid x \in \mathbb{R}, x \notin \mathbb{Q}\}$

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