



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

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

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

2 What type of number does this set definition represent

$$\{x \mid x \in \mathbb{R}, x \notin \mathbb{Q}\}$$

A Whole Number	B Irrational Number
C Natural Number	D Rational 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  $\{x \mid x \in \mathbb{R}\}$

A Real Number
B Irrational Number

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

A Irrational Number
B Natural Number