



## Number Types (Real) - Number and Set Builder Definition to True/False - Whole, Natural, Integer, Rational, Irrational Numbers

1

21

Is this number part of this set (even if that's not it's narrowest type)?

$\{x \mid x \in \mathbb{Q}\}$

A	B
Yes	No

Is this number part of this set (even if that's not it's narrowest type)?

$-\frac{12}{13}$

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

A	B
Yes	No

3

$\sqrt{59}$

Is this number part of this set (even if that's not it's narrowest type)?

$\{x \mid x \in \mathbb{Q}\}$

A	B
Yes	No

4

14

Is this number part of this set (even if that's not it's narrowest type)?

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

A	B
Yes	No

5

$-\frac{2}{5}$

Is this number part of this set (even if that's not it's narrowest type)?

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

A	B
Yes	No

6

15

Is this number part of this set (even if that's not it's narrowest type)?

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

A	B
Yes	No

7

11

Is this number part of this set (even if that's not it's narrowest type)?

$\{x \mid x \in \mathbb{Q}\}$

A	B
Yes	No

8

$\frac{2}{5}$

Is this number part of this set (even if that's not it's narrowest type)?

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

A	B
Yes	No