



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

1

$$\sqrt{\frac{45}{5}}$$

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

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

A

Yes

B

No

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

A

Yes

B

No

3

$$\frac{30}{6}$$

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

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

A

Yes

B

No

4

$$\frac{30}{6}$$

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

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

A

Yes

B

No

5

$$\sqrt{\frac{125}{5}}$$

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

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

A

Yes

B

No

6

$$\frac{10}{5}$$

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

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

A

Yes

B

No

7

$$\sqrt{\frac{16}{4}}$$

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

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

A

Yes

B

No

8

$$-\frac{100}{4}$$

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

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

A

Yes

B

No