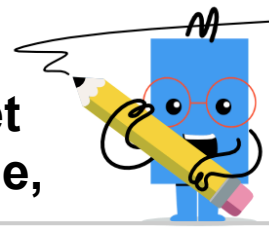
Name



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

1

$$17$$

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

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

A	B
Yes	No

2

$$7$$

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

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

A	B
Yes	No

3

$$-11$$

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

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

A	B
Yes	No

4

$$\sqrt{97}$$

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

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

A	B
Yes	No

5

$$23$$

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

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

A	B
Yes	No

6

$$\sqrt{7}$$

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

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

A	B
Yes	No

7

$$\frac{4}{6}$$

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

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

A	B
Yes	No

8

$$10$$

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

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

A	B
Yes	No