Name

Number Types (Complex) - Number and Set Builder Definition to True/False - Real, Imaginary, and Complex Numbers

1

$$-\frac{3}{14}$$

$$\{bi \mid b \in \mathbb{R}, b \neq 0\}$$

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

A	B
Yes	No

2

$$23$$

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

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

A	B
Yes	No

3

$$\sqrt{41}$$

$$\{a + bi \mid a, b \in \mathbb{R}, b \neq 0\}$$

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

A	B
Yes	No

4

$$6$$

$$\{bi \mid b \in \mathbb{R}, b \neq 0\}$$

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

A	B
Yes	No

5

$$21$$

$$\{a + bi \mid a, b \in \mathbb{R}, b \neq 0\}$$

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

A	B
Yes	No

6

$$37i$$

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

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

A	B
Yes	No

7

$$\frac{13i}{9}$$

$$\{a + bi \mid a, b \in \mathbb{R}, b \neq 0\}$$

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

A	B
Yes	No

8

$$2i$$

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

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

A	B
Yes	No