Name

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

1

$$\frac{9}{64}$$

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

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

A	B
Yes	No

2

$$\frac{\sqrt{97}}{1}$$

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

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

A	B
Yes	No

3

$$\frac{\sqrt{37}}{6}$$

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

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

A	B
Yes	No

4

$$\frac{12}{3}$$

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

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

A	B
Yes	No

5

$$\sqrt{5i}$$

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

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

A	B
Yes	No

6

$$\frac{8}{4}$$

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

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

A	B
Yes	No

7

$$\frac{\sqrt{61i}}{6}$$

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

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

A	B
Yes	No

8

$$\frac{\sqrt{29i}}{8}$$

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

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

A	B
Yes	No