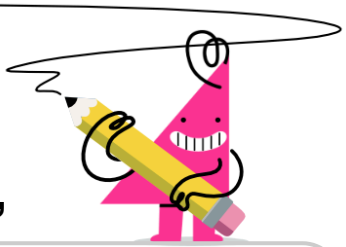
Name



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

1 Which number would be included in this set definition

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

A	B	C
-6	$2 + \frac{79i}{9}$	$3i$

2 Which number would be included in this set definition

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

A	B	C
19	$4 + 31i$	$\sqrt{31}$

3 Which number would be included in this set definition

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

A	B	C
0	$4 + 67i$	$-\frac{3}{9}$

4 Which number would be included in this set definition

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

A	B	C
$-\frac{1}{13}$	$2 + 79i$	$-\frac{8}{12}$

5 Which number would be included in this set definition

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

A	B	C
-17	$\sqrt{23}$	$\frac{79i}{9}$

6 Which number would be included in this set definition

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

A	B	C
$\sqrt{67}$	$23i$	$\frac{7}{11}$