



Number Types (Complex) - Number and Classification to True/False - Real, Imaginary, and Complex Numbers

1 Is this number a pure imaginary number (even if that's not it's narrowest type)?

Is $\frac{0}{6}$ a pure imaginary number

A
Yes

B
No

2 Is this number a pure imaginary number (even if that's not it's narrowest type)?

Is $-\frac{12}{4}$ a pure imaginary number

A
Yes

B
No

3 Is this number a complex number (even if that's not it's narrowest type)?

Is $\frac{30}{5}$ a complex number

A
Yes

B
No

4 Is this number a complex number (even if that's not it's narrowest type)?

Is $\frac{25}{81}$ a complex number

A
Yes

B
No

5 Is this number a pure imaginary number (even if that's not it's narrowest type)?

Is $0.\overline{14}$ a pure imaginary number

A
Yes

B
No

6 Is this number a pure imaginary number (even if that's not it's narrowest type)?

Is $\sqrt{\frac{45}{5}}$ a pure imaginary number

A
Yes

B
No

7 Is this number a rational number (even if that's not it's narrowest type)?

Is $\frac{0}{7}$ a rational number

A
Yes

B
No

8 Is this number an integer (even if that's not it's narrowest type)?

Is $\frac{\sqrt{37}i}{7}$ an integer

A
Yes

B
No