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

1

$$\frac{6}{3}$$

Classify this number as natural, whole, integer, rational or irrational. Pick the narrowest definition that fits.

A	Irrational Number
B	Natural Number

2 Classify this number as natural, whole, integer, rational or irrational. Pick the narrowest definition that fits.

$$0.\overline{12}$$

A	Irrational Number
B	Natural Number
C	Whole Number
D	Rational Number

3 Classify this number as natural, whole, integer, rational or irrational. Pick the narrowest definition that fits.

$$\sqrt{47}i$$

A	Pure Imaginary Number
B	Irrational Number
C	Real Number
D	Rational Number

4 Classify this number as natural, whole, integer, rational or irrational. Pick the narrowest definition that fits.

$$3 + \frac{\sqrt{5}i}{5}$$

A	Irrational Number
B	Natural Number
C	Whole Number
D	Imaginary Number

5

$$\sqrt{\frac{75}{3}}$$

Classify this number as natural, whole, integer, rational or irrational. Pick the narrowest definition that fits.

A	Natural Number
B	Irrational Number

6 Classify this number as natural, whole, integer, rational or irrational. Pick the narrowest definition that fits.

$$2 + \sqrt{59}i$$

A	Whole Number	B	Imaginary Number
C	Rational Number	D	Real Number

7 Classify this number as natural, whole, integer, rational or irrational. Pick the narrowest definition that fits.

$$\sqrt{5}i$$

A	Pure Imaginary Number
B	Rational Number
C	Real Number
D	Irrational Number

8

$$\sqrt{\frac{48}{3}}$$

Classify this number as natural, whole, integer, rational or irrational. Pick the narrowest definition that fits.

A	Natural Number
B	Irrational Number