

Number Types

Date _____ Period _____

1) -2

- A) Rational B) Irrational

2) 5.5

- A) Irrational B) Rational

3) -2.22222222...

- A) Irrational B) Rational

4) π

- A) Rational B) Irrational

5) $3i$

- A) Rational B) Irrational

6) $\frac{9}{2}$

- A) Irrational B) Rational

7) Let $a = 2$, $b = -2i$, $c = 1.3201891\dots$ $d = \frac{1}{3}$

Is $a + b$ rational or irrational?

8) Let $a = 2$, $b = -2i$, $c = 1.3201891\dots$ $d = \frac{1}{3}$

Is $b + d$ rational or irrational?

9) Let $a = 2$, $b = -2i$, $c = 1.3201891\dots$ $d = \frac{1}{3}$

Is $a + d$ rational or irrational?

10) Let $a = 2$, $b = -2i$, $c = 1.3201891\dots$ $d = \frac{1}{3}$

Is $a + c$ rational or irrational?

Answers to Number Types (ID: 1)

1) B
5) B
9) rational

2) B
6) B
10) irrational

3) B
7) irrational

4) B
8) irrational