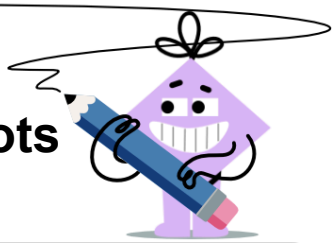
Name

Quadratic Discriminants - Count of Roots to Root Example



1 Which roots would be valid examples of this?

1 real root

A $x = 3.2$, $x = 8.9$

B $x = -1$

C $x = \frac{7.8 \pm i\sqrt{1.6}}{8.2}$

2 Which roots would be valid examples of this?

2 real roots

A $x = 2.73$, $x = -0.73$

B $x = 2.3$

C $x = \frac{9 \pm i\sqrt{7.2}}{3.3}$

3 Which roots would be valid examples of this?

2 complex roots

A $x = 4.7$, $x = 2.7$

B $x = 4.3$, $x = 9$

C $x = \frac{-0 \pm i\sqrt{2}}{-1}$