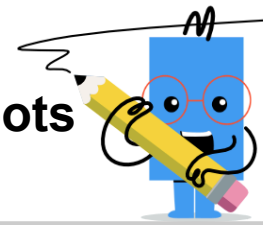
Name

Quadratic Discriminants - Has Real Roots to Root Example



1

Which roots would be examples of having real roots?

A $x = 5.46$, $x = -1.46$

B $x = \frac{3.7 \pm i\sqrt{7.2}}{5.9}$

2

Which roots would be examples of NOT having real roots?

A $x = 9.6$

B $x = \frac{2 \pm i\sqrt{6}}{-1}$

3

Which roots would be examples of NOT having real roots?

A $x = 8.8$

B $x = \frac{-0 \pm i\sqrt{30}}{-3}$

4

Which roots would be examples of having real roots?

A $x = 2.19$, $x = -1.52$

B $x = \frac{2.4 \pm i\sqrt{6.6}}{4.4}$

5

Which roots would be examples of having real roots?

A $x = -2.41$, $x = 0.41$

B $x = \frac{8.7 \pm i\sqrt{7.4}}{8.6}$

6

Which roots would be examples of having real roots?

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

B $x = \frac{3.4 \pm i\sqrt{4.5}}{5.5}$

7

Which roots would be examples of NOT having real roots?

A $x = 6.6$

B $x = \frac{-1 \pm i\sqrt{7}}{-2}$

8

Which roots would be examples of having real roots?

A $x = -6.83$, $x = -1.17$

B $x = \frac{5.8 \pm i\sqrt{8.2}}{2.1}$