



## Quadratic Discriminants - Value to Has Real Roots



1

With this discriminant, would a quadratic function have one or more real roots?

$$\Delta = 16$$

A	B
Yes	No

2

With this discriminant, would a quadratic function have one or more real roots?

$$\Delta = 2$$

A	B
Yes	No

3

With this discriminant, would a quadratic function have one or more real roots?

$$\Delta = 22$$

A	B
Yes	No

4

With this discriminant, would a quadratic function have one or more real roots?

$$\Delta = 20$$

A	B
Yes	No

5

With this discriminant, would a quadratic function have one or more real roots?

$$\Delta = 4$$

A	B
Yes	No

6

With this discriminant, would a quadratic function have one or more real roots?

$$\Delta = -5$$

A	B
Yes	No

7

With this discriminant, would a quadratic function have one or more real roots?

$$\Delta = 0$$

A	B
Yes	No

8

With this discriminant, would a quadratic function have one or more real roots?

$$\Delta = 28$$

A	B
Yes	No