



Quadratic Discriminants - Equation to Has Real Roots



1 Does this quadratic equation have one or more real roots?

$$y = 1.5x^2 + 2x + 0.67$$

A
Yes

B
No

2 Does this quadratic equation have one or more real roots?

$$y = 1.5x^2 + x - 1$$

A
Yes

B
No

3 Does this quadratic equation have one or more real roots?

$$y = -0.5x^2 - 3x - 1$$

A
Yes

B
No

4 Does this quadratic equation have one or more real roots?

$$y = x^2 + x + 4$$

A
Yes

B
No

5 Does this quadratic equation have one or more real roots?

$$y = 0.5x^2 - x + 0.5$$

A
Yes

B
No

6 Does this quadratic equation have one or more real roots?

$$y = -0.5x^2 + 2x + 3$$

A
Yes

B
No

7 Does this quadratic equation have one or more real roots?

$$y = x^2 - 4x + 4$$

A
Yes

B
No

8 Does this quadratic equation have one or more real roots?

$$y = 1.5x^2 + 3x - 4$$

A
Yes

B
No