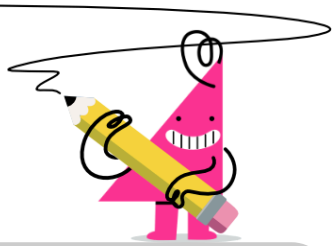
Name

Quadratic Discriminants - Equation to Greater/Lesser than Zero



1 Would this quadratic equation have a discriminant greater, less than, or equal to zero?

$$y = -0.5x^2 - 4x - 5$$

A $\Delta < 0$ B $\Delta = 0$ C $\Delta > 0$

2 Would this quadratic equation have a discriminant greater, less than, or equal to zero?

$$y = x^2 + 4x - 5$$

A $\Delta < 0$ B $\Delta = 0$ C $\Delta > 0$

3 Would this quadratic equation have a discriminant greater, less than, or equal to zero?

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

A $\Delta < 0$ B $\Delta = 0$ C $\Delta > 0$

4 Would this quadratic equation have a discriminant greater, less than, or equal to zero?

$$y = -1.5x^2 - x - 0.17$$

A $\Delta < 0$ B $\Delta = 0$ C $\Delta > 0$

5 Would this quadratic equation have a discriminant greater, less than, or equal to zero?

$$y = -1x^2 - 5$$

A $\Delta < 0$ B $\Delta = 0$ C $\Delta > 0$

6 Would this quadratic equation have a discriminant greater, less than, or equal to zero?

$$y = -0.5x^2 + 3x - 4.5$$

A $\Delta < 0$ B $\Delta = 0$ C $\Delta > 0$

7 Would this quadratic equation have a discriminant greater, less than, or equal to zero?

$$y = -1x^2 + 4x$$

A $\Delta < 0$ B $\Delta = 0$ C $\Delta > 0$

8 Would this quadratic equation have a discriminant greater, less than, or equal to zero?

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

A $\Delta < 0$ B $\Delta = 0$ C $\Delta > 0$