



Quadratic Formula - Equation to Discriminant



1 What is the discriminant of this quadratic equation?

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

A $\Delta = -23$

B $\Delta = 0$

C $\Delta = 23$

2 What is the discriminant of this quadratic equation?

$$y = -5x^2 + 3x - 5$$

A $\Delta = -91$

B $\Delta = 0$

C $\Delta = 91$

3 What is the discriminant of this quadratic equation?

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

A $\Delta = -19$

B $\Delta = 0$

C $\Delta = 19$

4 What is the discriminant of this quadratic equation?

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

A $\Delta = -39$

B $\Delta = 0$

C $\Delta = 39$

5 What is the discriminant of this quadratic equation?

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

A $\Delta = -36$

B $\Delta = 0$

C $\Delta = 36$

6 What is the discriminant of this quadratic equation?

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

A $\Delta = -16$

B $\Delta = 0$

C $\Delta = 16$

7 What is the discriminant of this quadratic equation?

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

A $\Delta = -23$

B $\Delta = 0$

C $\Delta = 23$

8 What is the discriminant of this quadratic equation?

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

A $\Delta = -99$

B $\Delta = 0$

C $\Delta = 99$