



Quadratic Formula - Equation to Discriminant

1 What is the discriminant of this quadratic equation?

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

A $\Delta = -12$

B $\Delta = 0$

C $\Delta = 12$

2 What is the discriminant of this quadratic equation?

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

A $\Delta = -16$

B $\Delta = 0$

C $\Delta = 16$

3 What is the discriminant of this quadratic equation?

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

A $\Delta = -63$

B $\Delta = 0$

C $\Delta = 63$

4 What is the discriminant of this quadratic equation?

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

A $\Delta = -60$

B $\Delta = 0$

C $\Delta = 60$

5 What is the discriminant of this quadratic equation?

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

A $\Delta = -48$

B $\Delta = 0$

C $\Delta = 48$

6 What is the discriminant of this quadratic equation?

$$y = -1x^2 + 4x - 5$$

A $\Delta = -4$

B $\Delta = 0$

C $\Delta = 4$

7 What is the discriminant of this quadratic equation?

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

A $\Delta = -31$

B $\Delta = 0$

C $\Delta = 31$

8 What is the discriminant of this quadratic equation?

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

A $\Delta = -12$

B $\Delta = 0$

C $\Delta = 12$