



Quadratic Formula - Equation to Discriminant



1 What is the discriminant of this quadratic equation?

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

A $\Delta = -28$

B $\Delta = 0$

C $\Delta = 28$

2 What is the discriminant of this quadratic equation?

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

A $\Delta = -19$

B $\Delta = 0$

C $\Delta = 19$

3 What is the discriminant of this quadratic equation?

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

A $\Delta = -8$

B $\Delta = 0$

C $\Delta = 8$

4 What is the discriminant of this quadratic equation?

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

A $\Delta = -63$

B $\Delta = 0$

C $\Delta = 63$

5 What is the discriminant of this quadratic equation?

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

A $\Delta = -16$

B $\Delta = 0$

C $\Delta = 16$

6 What is the discriminant of this quadratic equation?

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

A $\Delta = -100$

B $\Delta = 0$

C $\Delta = 100$

7 What is the discriminant of this quadratic equation?

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

A $\Delta = -4$

B $\Delta = 0$

C $\Delta = 4$

8 What is the discriminant of this quadratic equation?

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

A $\Delta = -15$

B $\Delta = 0$

C $\Delta = 15$