



Quadratic Formula - Equation to Discriminant

1 What is the discriminant of this quadratic equation?

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

A $\Delta = -23$

B $\Delta = 0$

C $\Delta = 23$

2 What is the discriminant of this quadratic equation?

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

A $\Delta = -84$

B $\Delta = 0$

C $\Delta = 84$

3 What is the discriminant of this quadratic equation?

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

A $\Delta = -23$

B $\Delta = 0$

C $\Delta = 23$

4 What is the discriminant of this quadratic equation?

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

A $\Delta = -80$

B $\Delta = 0$

C $\Delta = 80$

5 What is the discriminant of this quadratic equation?

$$y = -3x^2 - 5x - 4$$

A $\Delta = -23$

B $\Delta = 0$

C $\Delta = 23$

6 What is the discriminant of this quadratic equation?

$$y = 4x - 5x^2 - 3$$

A $\Delta = -44$

B $\Delta = 0$

C $\Delta = 44$

7 What is the discriminant of this quadratic equation?

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

A $\Delta = -59$

B $\Delta = 0$

C $\Delta = 59$

8 What is the discriminant of this quadratic equation?

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

A $\Delta = -32$

B $\Delta = 0$

C $\Delta = 32$