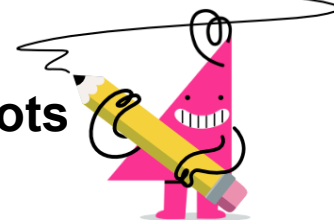




## Quadratic Discriminants - Count of Roots to Discriminant Value



**1** Which discriminant would be from a quadratic function with these roots?

2 real roots

A	B	C
$\Delta = -7$	$\Delta = 0$	$\Delta = 7$

**2** Which discriminant would be from a quadratic function with these roots?

1 real root

A	B	C
$\Delta = -2$	$\Delta = 0$	$\Delta = 2$

**3** Which discriminant would be from a quadratic function with these roots?

2 complex roots

A	B	C
$\Delta = -8$	$\Delta = 0$	$\Delta = 8$