Name

# Quadratic Discriminants - Value to Count of Roots

**1** What type of roots would a quadratic function with this discriminant have?

$\Delta = -9$

A 2 complex roots

B 1 real root

C 2 real roots

**2** What type of roots would a quadratic function with this discriminant have?

$\Delta = -11$

A 2 complex roots

B 1 real root

C 2 real roots

**3** What type of roots would a quadratic function with this discriminant have?

$\Delta = 55$

A 2 complex roots

B 1 real root

C 2 real roots

**4** What type of roots would a quadratic function with this discriminant have?

$\Delta = 0$

A 2 complex roots

B 1 real root

C 2 real roots

**5** What type of roots would a quadratic function with this discriminant have?

$\Delta = -14$

A 2 complex roots

B 1 real root

C 2 real roots

**6** What type of roots would a quadratic function with this discriminant have?

$\Delta = -2$

A 2 complex roots

B 1 real root

C 2 real roots

**7** What type of roots would a quadratic function with this discriminant have?

$\Delta = -15$

A 2 complex roots

B 1 real root

C 2 real roots

**8** What type of roots would a quadratic function with this discriminant have?

$\Delta = 21$

A 2 complex roots

B 1 real root

C 2 real roots