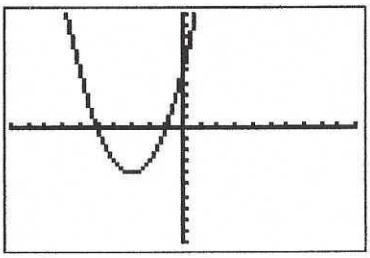
Name_____ Date_____

Mrs. Roumbos 8A Period _____

Do Now

1) When you graph $y = x^2 + 6x + 5$ is produces the following graph:



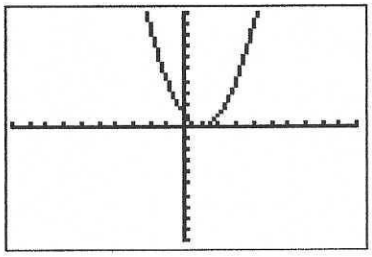
What does that mean about the value of the discriminant?

A) It is zero

B) It is positive

C) It is negative

2) When you graph $y = x^2 - 2x + 1$ is produces the following graph:



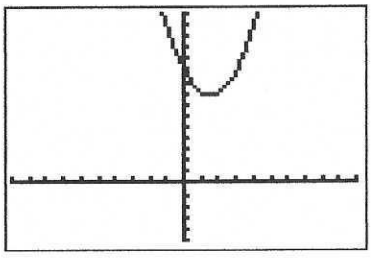
What does that mean about the value of the discriminant?

A) It is zero

B) It is positive

C) It is negative

3) When you graph $y = x^2 - 3x + 10$ is produces the following graph:



What does that mean about the value of the discriminant?

A) It is zero

B) It is positive

C) It is negative