

4.6a Review for Test

Want the vertex or Vertex Form?

****Complete the Square!**

Want to solve/find the x-intercepts?

****Quadratic Formula!!**

Want to know the number of x-ints (solutions or roots or zeros)?

****Given $ax^2 + bx + c$ >>> use Discriminant ($D = b^2 - 4ac$)**

****Given $a(x - h)^2 + k$ >>> Draw it, Vertex and direction of opening!**

Opens up/down (a), moved up/down (k)

Need to Know:

Standard Form: $y = ax^2 + bx + c$

Vertex Form: $y = a(x - h)^2 + k$

I will provide the Quadratic Formula:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

HW Pg. 254 # 1 - 10, *if time try Pg 256