Help from You Tube

**Graph a line**

 <https://www.youtube.com/watch?annotation_id=annotation_1997383023&feature=iv&src_vid=WQyvskZSCJg&v=AYnovh6J_Iw>

Graphing **Piecewise functions**

 <https://www.youtube.com/watch?v=gbbqCJJIEKs>

Graph an **Absolute Value Function**

[**https://www.youtube.com/watch?v=kAQ-CPyKzq8**](https://www.youtube.com/watch?v=kAQ-CPyKzq8)

[**https://www.youtube.com/watch?v=8eAXyEvmC\_M**](https://www.youtube.com/watch?v=8eAXyEvmC_M)

**Graph a quadratic**

in **Vertex Form**

 <https://www.youtube.com/watch?v=y99lNRqLjBA>

in **Standard Form**

<http://psn.virtualnerd.com/viewtutorial/Alg1_12_01_0009>

 in **Intercept Form**

<http://www.virtualnerd.com/algebra-2/quadratics/transforming-functions/intercept-form/graph-intercept-form>

**Graph a** piecewise **Function**

[**https://www.youtube.com/watch?v=gbbqCJJIEKs**](https://www.youtube.com/watch?v=gbbqCJJIEKs)

**Solve a Linear system of equations**

 **Elimination**

[**https://www.youtube.com/watch?v=LXoIDjlH1hc**](https://www.youtube.com/watch?v=LXoIDjlH1hc)

 **https://www.youtube.com/watch?v=8kRG7jlBMAY**

 **Substitution**

[**https://www.youtube.com/watch?v=bLmVowLps0o**](https://www.youtube.com/watch?v=bLmVowLps0o)

[**https://www.youtube.com/watch?v=kf-o\_CcTKH8**](https://www.youtube.com/watch?v=kf-o_CcTKH8)

**Solving Quadratics**

 **By taking** isolating the x

[**https://www.youtube.com/watch?v=ill96g3HL-U**](https://www.youtube.com/watch?v=ill96g3HL-U)

By taking **square roots**

 **https://www.youtube.com/watch?annotation\_id=annotation\_3073701805&feature=iv&src\_vid=LSANfj3ozSk&v=rKZhTJia\_00**

 **https://www.khanacademy.org/math/algebra/quadratics/quadratics-square-root/v/solving-quadratic-equations-by-square-roots**

**By factoring**

 **https://www.youtube.com/watch?v=g6RnAY\_VkMs**

**Completing the square**

 **https://www.youtube.com/watch?v=xGOQYTo9AKY**

[**https://www.youtube.com/watch?v=bclm1tJB-3g**](https://www.youtube.com/watch?v=bclm1tJB-3g)

Solve using the **Quadratic Formula**

[**https://www.youtube.com/watch?v=As\_dv5-TNtY**](https://www.youtube.com/watch?v=As_dv5-TNtY)

Write a quadratic Equation in **Vertex Form**

[**https://www.youtube.com/watch?v=7gBbNgj\_OZs**](https://www.youtube.com/watch?v=7gBbNgj_OZs)

Write a quadratic Equation in **Intercept Form**

 **https://www.youtube.com/watch?v=jmHQcTU4riI**