

## **Finding the distance from a point to a line.**

### **Step 1**

Find the equation of the perpendicular line that passes through the point.

### **Step 2**

After you find the equation of the perpendicular line. Use the two equations to write and solve a system of equations to find the point of intersection of the two lines

### **Step 3**

Use the distance formula to find the distance between the two points (The original point and the point of intersection)