Group #5 Worksheet A

You are one of the generals positioned at the border of the country. The equation of the line you are given is:

$$x + 3y = -1$$

(1) One of the other generals has been captured. Get the equation of a line from another group, and solve this system of equations to find the password (i.e., the solution point (x, y) of the two lines) that will launch the missiles to defend the country.

(2) Draw the xy-plane and graph both lines on it. Show the solution point in your picture.