

# Group #2 Worksheet A

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

$$-2x + y = -5$$

- (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.