# Group #2 Worksheet B

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

$$x - 2y - z = 1$$

(1) Two generals have been captured. Can the enemy find the password (i.e., the solution point $(x, y, z)$ ) from the equations of the two planes they have obtained from the captured generals?

(2) Talk to two other groups and get the equations for the planes that they were given. Using your equation above combined with the two other equations, find the password (i.e., the solution point $(x, y, z)$ of the three planes) that will launch the missiles to defend the country.