Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ID\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Group\_\_\_\_\_\_\_\_\_\_

(For this quiz, a true/false question does not need any explanation)

1. Consider a following system.
   1. Is a particular solution of the following system?
   2. Is a solution to the associated homogenous system?
2. Consider the following systems.

Is it possible to describe a solution set of this system as a set of sum of exactly two column vectors?

1. Is it true that a system of linear equations might have exactly two different solutions?

1. Is a singular matrix?
2. Find any column vector that is a solution of the following system.