

QUIZ 1 CLASS 19

Linear Algebra I

Section:
Week 2

NAME & ID(Please print legibly)

PLEASE SHOW ALL YOUR WORK.

1. Draw the two pictures in two planes for the equations $x - 2y = 0, x + y = 6$.
2. Which number d forces a row exchange, and what is the triangular system (not singular) for that d ? Which d makes this system singular (no third pivot)?

$$2x + 5y + z = 0$$

$$4x + dy + z = 2$$

$$y - z = 3$$