

DAWSON COLLEGE

1. Solve the following system by Gauss – Jordan elimination:

a)

b)

2. Consider the system of linear equations where:

, and

a) Find .

b) Solve the system using .

3. For which values of k will the following system have no solution? Exactly one solution? Infinitely many solutions?

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8.1076.211 BTt63 Tm2 Tr 0.31543 w -35027 37211 BTt1.re perpu.424 ar30.58 509.11 Tm[ )]T4BT16.211 BT

4. Find all matrices such that:

a)

b)

5.

8. Given the points

