

## MA 260

Name (Print last name first): .....

## Quiz I

Question 1 $\vec{a} = (1, 2, 3), \vec{b} = (-3, 2, 5)$ . Find  $3\vec{a} - 2\vec{b}$ .

Answer: .....

Question 2

Use Gaussian or Gauss-Jordan elimination to find all (if any) solutions to:

$$x_1 + x_2 = 4$$

$$2x_1 - 3x_2 = 7$$

$$3x_1 + 2x_2 = 8$$

Answer: .....