

Practice for 4.3 Multivariable Systems

The following problems will help you practice the material you learned today. Once you are finished check your solutions. Once done, you can work on your WeBWork homework.

1. $4x - 3y - 2z = 21$
 $6y - 5z = -8$
 $3z = -6$

2. $x + y - z = -1$
 $x - 2y - 3z = 2$
 $2x + 4y + z = 1$

3. $x - 11y + 4z = 3$
 $2x + 4y - z = 7$
 $5x - 3y + 2z = 3$

4. Solve (from lecture)
Find the equation of the parabola $y = ax^2 + bx + c$ that passes through the points $(0,3)$, $(1,4)$ and $(2,3)$.