MATH 280-01 (142)
MATLAB Assignment
Due on March 19, 2015

If A is a matrix and b is a vector, to replace the first column of A with b we use the following MATLAB command:

```
   A1=A;
A1( : , [1]) = b;
```

1. Using MATLAB, apply Cramer's Rule to solve the following system:

$$\begin{aligned} 3x + 3y + 4z &= 2 \\ x + y + 4z &= -2 \\ 2x + 5y + 4z &= 3 \end{aligned}$$

Do the following exercises from your textbook:
2. problem 2 page 111.
3. problem 5 page 111.