## Handout 3: Brady Bunch

1. Find 
$$D$$
:  $\begin{vmatrix} 4 & 6 & -2 \\ 0 & -1 & 5 \\ -3 & 2 & 1 \end{vmatrix}$ 

6. Solve Question 2's equations for x.

2. Express these as a matrix: 
$$3x - 2y + 5z = 6$$
,  $2x+y-4z = 8$ ,  $-x+4y+6z = 9$ .

7. Find  $D_y$  with Question 2's equations.

3. Create coefficient matrix from Question 
$$2$$
.

8. Solve Question 2's equations for y.

4. Solve Question 3 for 
$$D$$
.

9. Find  $D_z$  with Question 2's equations.

5. Find 
$$D_x$$
 with Question 2's equations. 10. Solve Question 2's equations for  $z$ .

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