

## Practice for 5.4 Determinants

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. Compute these if possible.

a.  $\begin{vmatrix} 0 & -2 & 1 \\ 3 & 0 & 4 \end{vmatrix} =$

b.  $\begin{vmatrix} 3 & 2 \\ -1 & 5 \end{vmatrix}$

c.  $\begin{vmatrix} 1 & 2 & 2 \\ 3 & 7 & 9 \\ -1 & -4 & -7 \end{vmatrix} =$

2. Solve for x:  $\begin{vmatrix} 2x-1 & 2 \\ 3 & x+2 \end{vmatrix} = 7$