Perform Gaussian elimination with row swapping (row pivoting):

i	L_i	$ ilde{P}$	A	p
0			$ \begin{array}{c cccc} 0 & 4 & -2 \\ 4 & 8 & 6 \\ 6 & -4 & 2 \end{array} $	
				 ·
1				
				<u> </u>
2				