



## Item Navigation

## Solving $(LU)x = b$

Using

$$A = \begin{pmatrix} -3 & -7 & -2 \\ -3 & -5 & -1 \\ -6 & -4 & -0 \end{pmatrix} = \begin{pmatrix} -1 & -0 & -0 \\ -1 & -1 & -0 \\ -2 & -5 & -1 \end{pmatrix} \begin{pmatrix} 3 & -7 & -2 \\ 0 & -2 & -1 \\ 0 & -0 & -1 \end{pmatrix} = LU,$$

compute the solution to  $Ax = b$  with

(a)  $b = \begin{pmatrix} -3 \\ -3 \\ -2 \end{pmatrix};$

(b)  $b = \begin{pmatrix} -1 \\ -1 \\ -1 \end{pmatrix}.$

✓ **Completed**

**Go to next item**



Like



Dislike



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