Step-1

Given system of equations is

$$6u+7v+8w=8$$
$$4u+5v+9w=9$$
$$2u-2v+7w=7$$

We have to find the solution for this system in the column form.

Step-2

The column picture for this system is as follows:

$$u\begin{bmatrix}6\\4\\2\end{bmatrix}+v\begin{bmatrix}7\\5\\2\end{bmatrix}+w\begin{bmatrix}8\\9\\7\end{bmatrix}=\begin{bmatrix}8\\9\\7\end{bmatrix}=b$$

We can observe that the coefficient of w and b are the same, so we have $0(\text{column1})+0(\text{column2})+1(\text{column3})=b$

So the solution for the given system is $\boxed{(0,0,1)}$