Step-1

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Given that $$A = eye(3) = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix}$$

And $$V = (3;5)^{1} = (3 \;\; 4 \;\; 5)^{1} = \begin{pmatrix} 3 \\ 4 \\ 5 \end{pmatrix}$$

Step-2

$$A*V = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \begin{pmatrix} 3 \\ 4 \\ 5 \end{pmatrix} = \begin{pmatrix} 3 \\ 4 \\ 5 \end{pmatrix} = (3\,4\;5)^{1}$$

Since using matrices multiplication or using MATLAB commands

Step-3

$$V^{1}*V = (3 \;\; 4 \;\; 5) \begin{pmatrix} 3 \\ 4 \\ 5 \end{pmatrix}$$

$$= (3*3+4*4+5*5)$$

$$= (50)$$

Since using matrices multiplication or using MATLAB commands

Step-4

In MATLAB commands if we ask for $V*A$ it shows error.