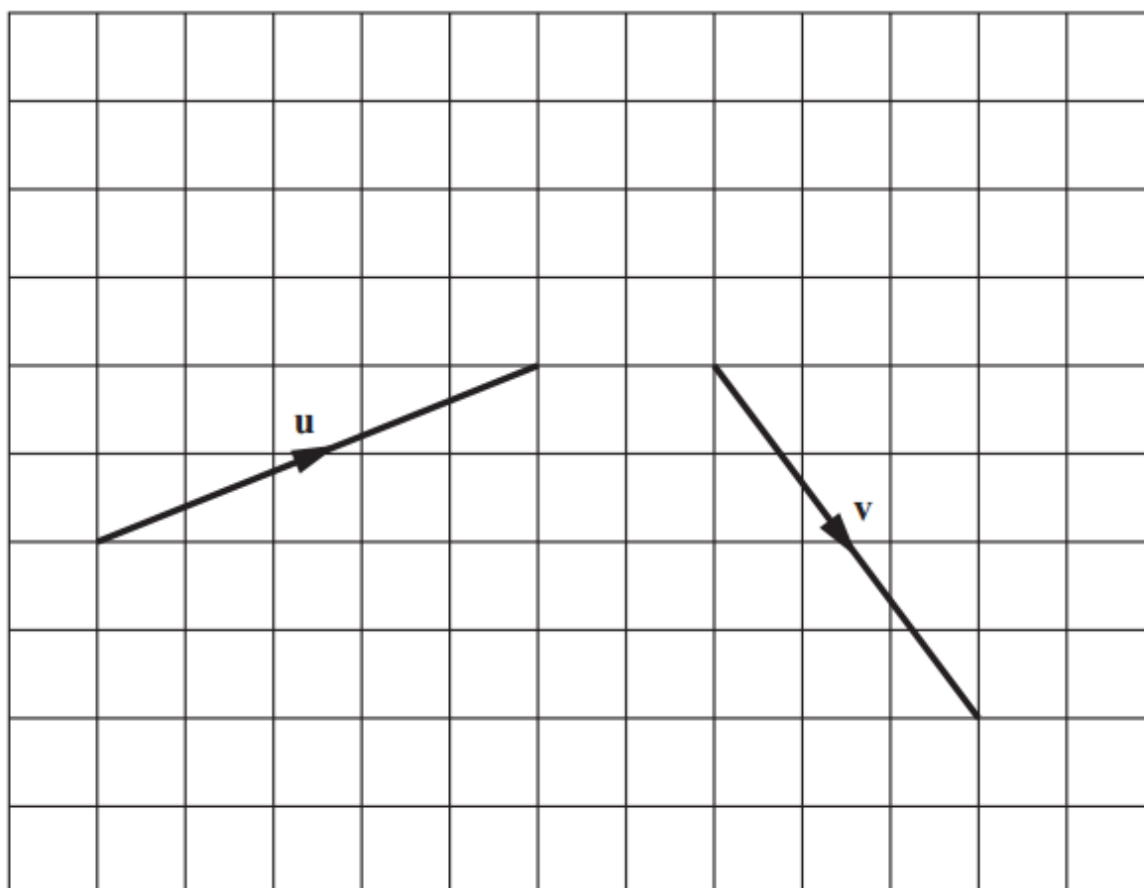


The vectors \mathbf{u} and \mathbf{v} are shown in the diagram below.



Find the resultant vector $\mathbf{u} - \mathbf{v}$.

Express your answer in component form.

2

Answer:

$$\begin{pmatrix} 2 \\ 6 \end{pmatrix}$$