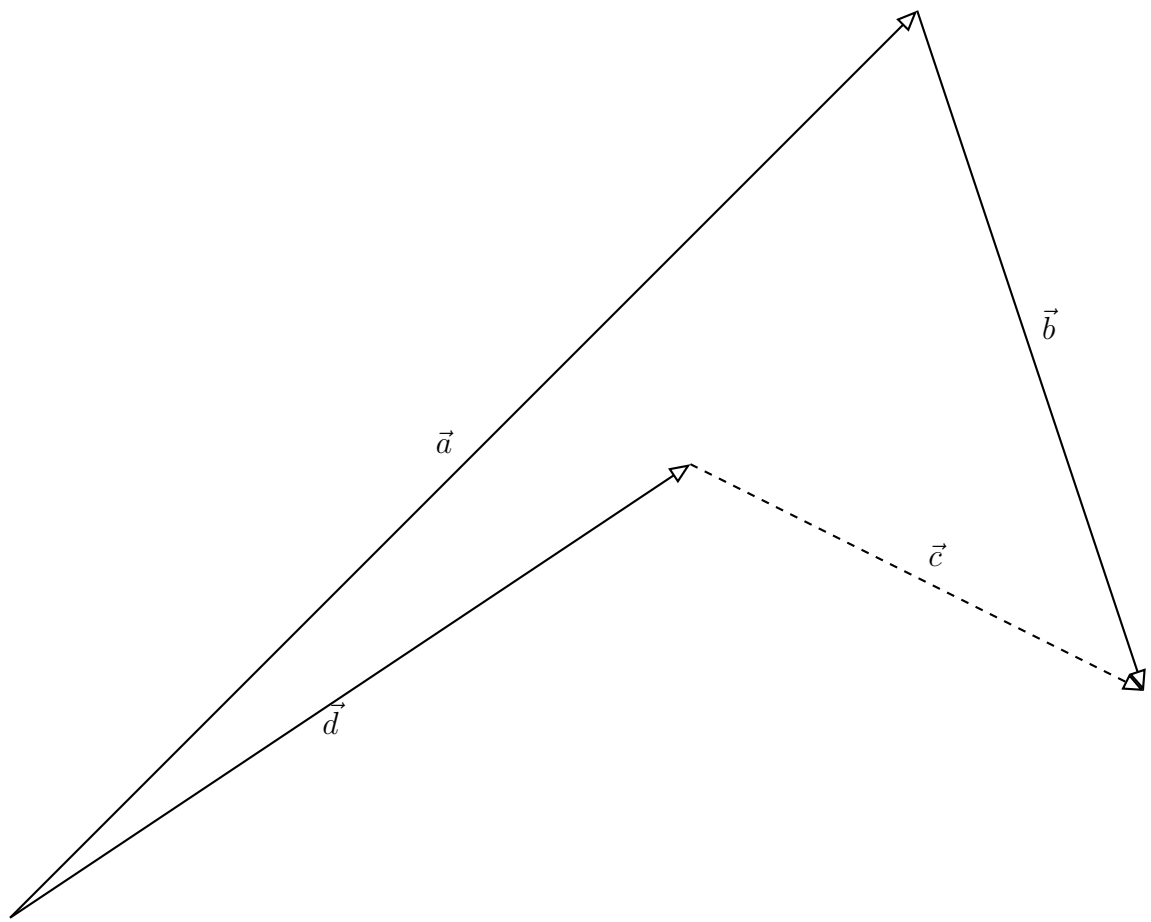


1. Find \vec{c} . Pay attention to the direction of the vectors given.



$$\vec{a} = \begin{pmatrix} 4 \\ 4 \end{pmatrix} \quad \vec{b} = \begin{pmatrix} 1 \\ -3 \end{pmatrix} \quad \vec{d} = \begin{pmatrix} 3 \\ 2 \end{pmatrix}$$