

Cross product of two vectors in space

Non vectors are parallel if and only if

Magnitude of cross product of two vectors is really just the area of a parallelogram.

Given: $\mathbf{u} = 2\mathbf{i} + 3\mathbf{j}$ and $\mathbf{v} = -\mathbf{i} + \mathbf{j}$, find the cross product of the two vectors and the magnitude

Triple scalar or box product

Find the triple scalar of $i - j + k$, $2i + j - 2k$ and $-i + 2j - k$

This is really the area of the parallelogram box.