

Answer on Question #42421 – Math – Analytic Geometry:

Let $u = (-3, -5)$, $v = (-3, 1)$. Find $u + v$.

Solution

$$u + v = (-3, -5) + (-3, 1) = (-3 - 3, -5 + 1) = (-6, -4).$$

If two vectors' components are known, it's possible to add the vectors by adding their corresponding dimensional components.