## Answer on Question \#73432-Physics-Other

A breeder want to wall off his four-sided plot of flat land. He measures the first three sides, A, B, and C. $A=4.75 \mathrm{~km}, \mathrm{~B}=2.29 \mathrm{~km}$, and $\mathrm{C}=2.9 \mathrm{~km}$. What is the length of the vector D in kilometers?

## Solution

$$
D=? \mathrm{~km}
$$

The length of the vector $D$ is

$$
D=\sqrt{(-1.336)^{2}+(-2.525)^{2}}=2.86 \mathrm{~km} .
$$

Answer: $\mathbf{2 . 8 6}$ km.
Answer provided by https://www.AssignmentExpert.com

