

Quantities: Scalars and Vectors

Scalar: Magnitude:

- 6ft of height
- 2 legs
- 1 hour of study

Vector: Magnitude + Direction:

- | |
|--------------|
| Lower Campus |
|--------------|

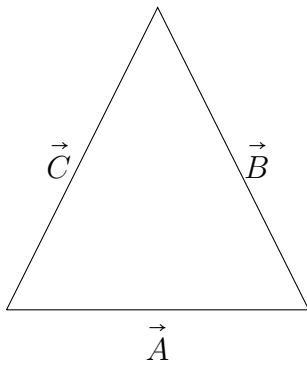
 $\xleftarrow{500m}$

Reichard

 $\xrightarrow{500m}$

Upper Campus

- Denoted by a \rightarrow over the letter: \vec{A}



Here, $\vec{A} + \vec{B} = \vec{C}$. We take the tail of \vec{B} and place it at the head of \vec{A} , making \vec{C} .

Displacement

The distance from one point to the other, Δs .