Kaleb Burris
PHYS F211X

Quantities: Scalars and Vectors

Scalar: Magnitude:

- 6ft of height

- 2 legs

- 1 hour of study

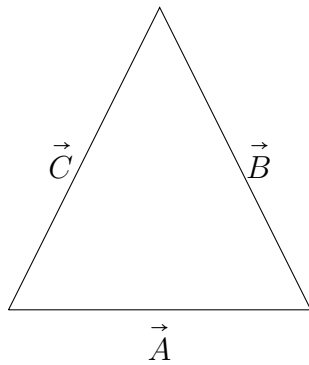**Vector**: Magnitude + Direction:

- Lower Campus $\xleftarrow{500m}$ Reichard $\xrightarrow{500m}$ Upper Campus

- Denoted by a → 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

Displacement

The distance from one point to the other.

Linear Motion

Velocity

Acceleration