



# Vectors in 1D and 2D Flipped Lesson

**AHS Physics** 







### What is a vector?

A vector has a magnitude and direction.

Examples:

#### Resultant

## Sum of two or more vectors

### Adding vectors in 1D

I walk 10 m north and then turn around and go 12 m sound. What is my **resultant?** 

### Adding Vectors in 2D

When we enter 2D dimensions, everything must be broken down in the **x** and **y directions**.



