## 7.2: Addition and Subtraction of Vectors

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## October 14, 2024

**Def:** The **vector sum** is done by calculating the effect of one vector after another. It doesn't matter in which order you do these, as the vector sum is *commutative* and *associative*.

$$\vec{a} - \vec{b} = \vec{a} + \vec{-b}$$