Vector Addition in Magnitude and Direction

Today's Standard

HSN.VM.B4b - Given two vectors in magnitude and direction form, determine the magnitude and direction of their sum.

Cues	Notes
Vector	Vectors have both magnitude and direction.
Magnitude	Magnitude is the length or size of the vector.
Direction	Direction is the angle the vector makes with a reference axis.
Vector Addition	Vector addition involves combining vectors to find a resultant vector.
Resultant Vector	The resultant vector has a magnitude and direction that depends on the original vectors.

Summary

Vector addition combines vectors to determine a resultant vector, considering both magnitude and direction.