



Vector Addition and Subtraction

Today's Standard

HSN.VM.B4 - (+) Add and subtract vectors.

Real-World Applications for this Standard

Navigating with GPS systems; Physics problems involving force and motion; Engineering and robotics; Computer graphics and animations; Economics and optimization problems

Today I Learned

Today, we learned about adding and subtracting vectors. Vectors are like arrows that show direction and size. Adding them helps us find out where we end up when we follow two directions.

Common Stumbling Blocks

Sometimes kids think they can add vectors like regular numbers. But vectors have direction, so we need to think about where the arrows point. Also, some kids add only the sizes of the vectors, forgetting about direction.

Quiz Me

- What is a vector?
- How do you add two vectors?
- Why is direction important for vectors?
- Can you add vectors like regular numbers?
- Give an example of using vectors in real life.

Help Me

Vectors are used in many real-world situations, like finding the shortest path on a map. When we add vectors, we need to think about both their size and direction to get the right answer.