Main Ideas, Key Points, Questions:

After watching the video segment, write down key points, main ideas, and big questions.

Objective(s):

- Graphically add and subtract vector quantities.
- Resolve vectors into their components using graphical methods.

Notes:

During the video segment, use words, phrases, or drawings to take notes.

Summary:

After watching the video segment, write at least three sentences explaining what you learned. You may ask yourself: “If I was going to explain this to someone else, what would I say?”
Answer the following.

1. What are the two parts of a vector quantity?

2. What does the sign of a vector quantity represent?

3. If two vector quantities are in the same direction, how would you determine the resultant of these two vectors?

4. If two vector quantities are in opposite directions, how would you determine the resultant of these two vectors?

5. What does it mean for a vector quantity to be in two dimensions?

6. Resolve the two-dimensional vector below into two, one-dimensional vectors: