PHYSICS IN MOTION
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Unit 1E
Graphical Resolution of Vectors
Note-Taking Guide and Questions to Consider

Name:

Date:

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?"

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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:**