

➤ Main Ideas, Key Points, Questions:

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

➤ Objective(s):

- *Differentiate between vector and scalar quantities, and understand the properties of each type.*
- *Use vector and scalar quantities properly in calculations.*

➤ 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?"

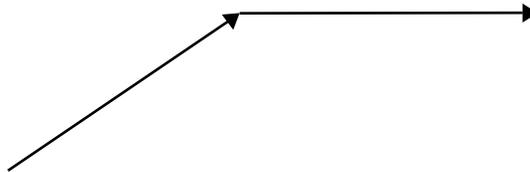
Answer the following.

1. What is the only component of scalar quantities?

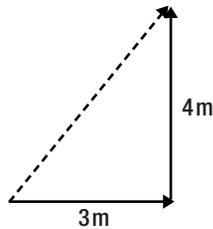
2. Give three examples of scalar quantities.

3. What are the two components of vector quantities?

4. Draw the resultant vector when the two vectors below are added together.



5. Find the numerical value of the resultant vector in the diagram below.



6. Does the order in which the vectors are added together affect the value of the resultant vector? Explain.

7. Give three examples of vector quantities.
