

Motion and Energy ▪ 9.1 Review and Reinforce**Describing Motion****Understanding Main Ideas**

1. Why do stationary objects make good reference points?

2. How do you use plus and minus signs to indicate change in position?

3. What is the difference between distance and displacement?

Building Vocabulary

From the list below, choose the term that best completes each sentence. Write your answers on the lines provided.

motion

distance

vector

reference point

displacement

4. An object is in _____ when its distance from a _____ is changing.
5. The length and direction that an object has moved from its starting point is called _____.
6. _____ is the length of a path between two points.
7. When a quantity consists of both magnitude and direction it is called a _____.