

CHAPTER 6**STUDY GUIDE****MOTION IN TWO DIMENSIONS****Vocabulary Review**

For each definition on the left, write the letter of the matching item.

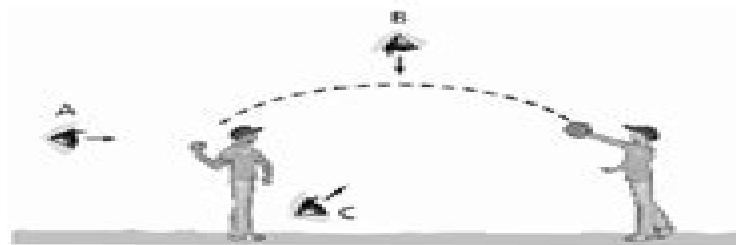
- _____ 1. a force directed toward the center of a circle
- _____ 2. an object shot through the air
- _____ 3. a coordinate system for motion
- _____ 4. the movement of an object at a constant speed around a circle with a fixed radius
- _____ 5. acceleration that always points toward the center of a circle
- _____ 6. a projectile's path through space

- a. projectile
- b. trajectory
- c. uniform circular motion
- d. centripetal acceleration
- e. centripetal force
- f. reference frame

SECTION 1 Projectile Motion

In your textbook, read about projectile motion.

Refer to the diagram to answer questions 1-3. Use complete sentences.



1. How would the path of the ball appear to an observer at Position A?
2. How would the path of the ball appear to an observer at Position B?
3. How would the path of the ball appear to an observer at Position C?

Motion In Two Dimensions Study Guide

Stanley A. Williams

Motion In Two Dimensions Study Guide:

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