

2. A VW Cabriolet, with the convertible top down, is traveling with a constant speed of 45 mph clockwise around a circular track of 1 mile diameter. In going from the eastern-most point of the track and to the western-most point of the track, what is the average velocity of the car?

- A. 14 mph, clockwise
- B. 29 mph, due west
- C. 45 mph, due south

- D. 45 mph, clockwise
- E. 57 mph, due west
- F. Not close to any of the above

Ans. \_\_\_\_\_