

Access the scooter applet by scanning the QR code or following the link:
<https://www.geogebra.org/m/vyvbkrrt>.



1. Find Hector's end location when Hector starts at +4 meters and rides for 3 seconds at a velocity of +2.5 m/sec. Show your work.

2. a. Suppose Hector changes his mind, and instead of riding at a velocity of +2.5 m/sec, as in Question 1, he rides at a velocity of -2.5 m/sec. Make a prediction about Hector's end location based on your response to Question 1.

b. Find Hector's end location when Hector starts at +4 meters and rides for 3 seconds at a velocity of -2.5 m/sec. Show your work.



3. Using Hector's start location as +4 meters and trip time as 3 seconds, test your own values for velocity in the applet. Try to include negative and decimal values! What do you notice?

