

A board rides on two driving drums. At the instant shown, the board has the acceleration noted. If the board is not slipping on the drums and the total acceleration of drum contact points is 3 m/s^2 , the velocity in m/s of the board at this instant is closest to which answer choice?

- a. 0.8
- b. 0.9
- c. 0.6
- d. 1.2

