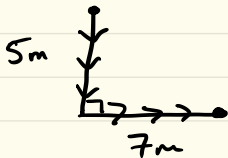


## Quiz Practice - Intro to Motion

① Michael was in the mall walking at  $3\text{ m/s}$  when he saw Soraya. Excited to talk to her, he increased his velocity to  $6\text{ m/s}$  in  $15$  seconds. What was his acceleration?

② Below depicts Rece's journey to the candy store.



Ⓐ What was the distance she traveled?

Ⓑ What is her displacement?

③ Rece was traveling at a consistent rate of  $2.5\text{ m/s}$ . What is her acceleration?

④ Caelen saw a snowcone stand and increased her rate to  $5.53\text{ m/s}$ , gaining an acceleration of  $0.49\text{ m/s}^2$  during a  $6\text{ s}$  period. What is her initial velocity?

Show Work!

Show Units!

OR ELSE.

