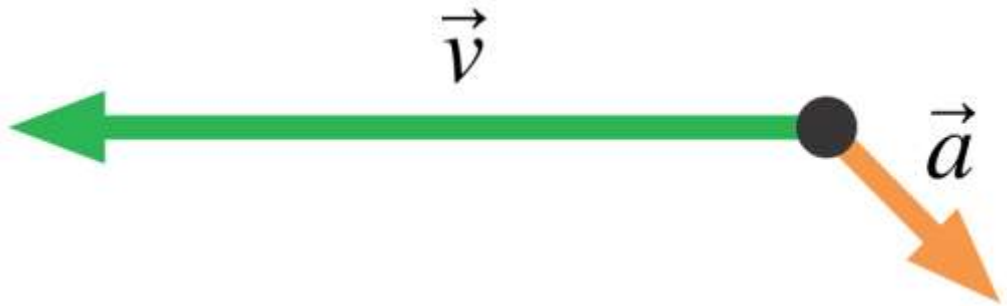
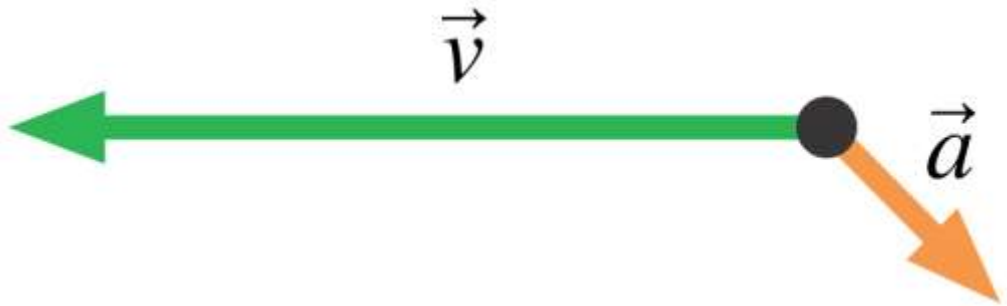


This acceleration will cause the particle to

A. Speed up and curve upward.
B. Speed up and curve downward.
C. Slow down and curve upward.
D. Slow down and curve downward.
E. Move to the right and down.



This acceleration will cause the particle to

A. Speed up and curve upward.
B. Speed up and curve downward.
C. Slow down and curve upward.
✔ **D. Slow down and curve downward.**
E. Move to the right and down.

The components of this particle's acceleration are

A. $a_x > 0, a_y > 0.$

B. $a_x = 0, a_y > 0.$

C. $a_x < 0, a_y > 0.$

D. $a_x > 0, a_y < 0.$

E. $a_x < 0, a_y < 0.$

The components of this particle's acceleration are

A. $a_x > 0, a_y > 0.$

✔ **B. $a_x = 0, a_y > 0.$**

C. $a_x < 0, a_y > 0.$

D. $a_x > 0, a_y < 0.$

E. $a_x < 0, a_y < 0.$