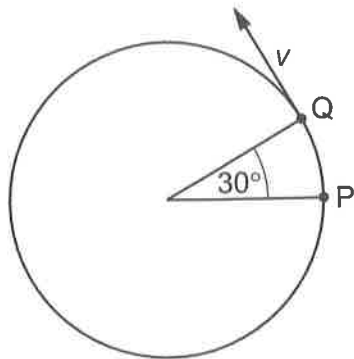


- 16 A particle moves in a circle of radius r with constant speed v .



What is the magnitude of the change in velocity between P and Q?

- A** zero **B** $v \sin 30^\circ$ **C** v **D** $2v \sin 15^\circ$

- 17 On a rotating fairground ride, passengers move in a vertical circle of radius 4.00 m. Passengers