

PROBLEM 1

1. A particle of mass m is moving in a circular path of radius r with a constant speed v . Find the change in its momentum when it moves through an angle θ .



2. A particle of mass m is moving in a circular path of radius r with a constant speed v . Find the change in its momentum when it moves through an angle θ .

3. A particle of mass m is moving in a circular path of radius r with a constant speed v . Find the change in its momentum when it moves through an angle θ .

4. A particle of mass m is moving in a circular path of radius r with a constant speed v . Find the change in its momentum when it moves through an angle θ .

5. A particle of mass m is moving in a circular path of radius r with a constant speed v . Find the change in its momentum when it moves through an angle θ .