

PROBLEM 1

1. A particle of mass m moves in a circular path of radius r with constant speed v . Find the magnitude of the centripetal force acting on the particle.



2. A particle of mass m moves in a circular path of radius r with constant speed v . Find the magnitude of the centripetal force acting on the particle.

3. A particle of mass m moves in a circular path of radius r with constant speed v . Find the magnitude of the centripetal force acting on the particle.

4. A particle of mass m moves in a circular path of radius r with constant speed v . Find the magnitude of the centripetal force acting on the particle.

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7. A particle of mass m moves in a circular path of radius r with constant speed v . Find the magnitude of the centripetal force acting on the particle.

8. A particle of mass m moves in a circular path of radius r with constant speed v . Find the magnitude of the centripetal force acting on the particle.

9. A particle of mass m moves in a circular path of radius r with constant speed v . Find the magnitude of the centripetal force acting on the particle.

10. A particle of mass m moves in a circular path of radius r with constant speed v . Find the magnitude of the centripetal force acting on the particle.