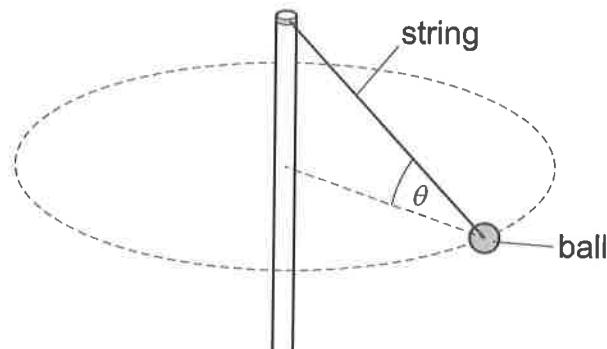
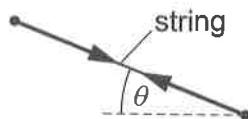


- 16 A ball is attached to a string of negligible mass and moves in a horizontal circle. The string makes an angle  $\theta$  with the horizontal, as shown.

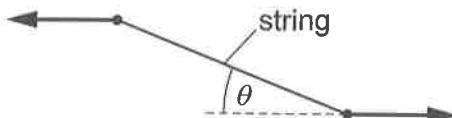


Which force diagram correctly shows the forces exerted by the string?

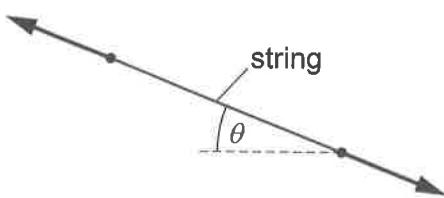
A



B



C



D

