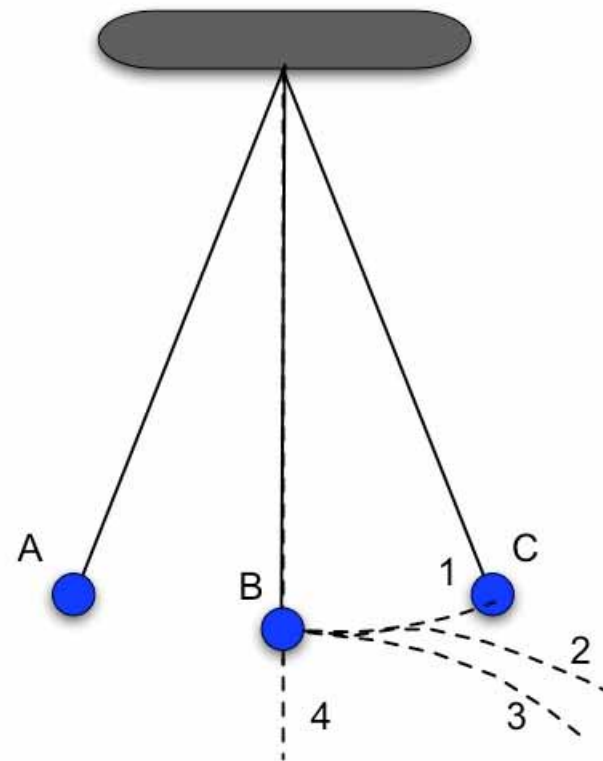


A pendulum is swinging back and forth between the extremes marked A and C. At point B it is directly below the pivot.



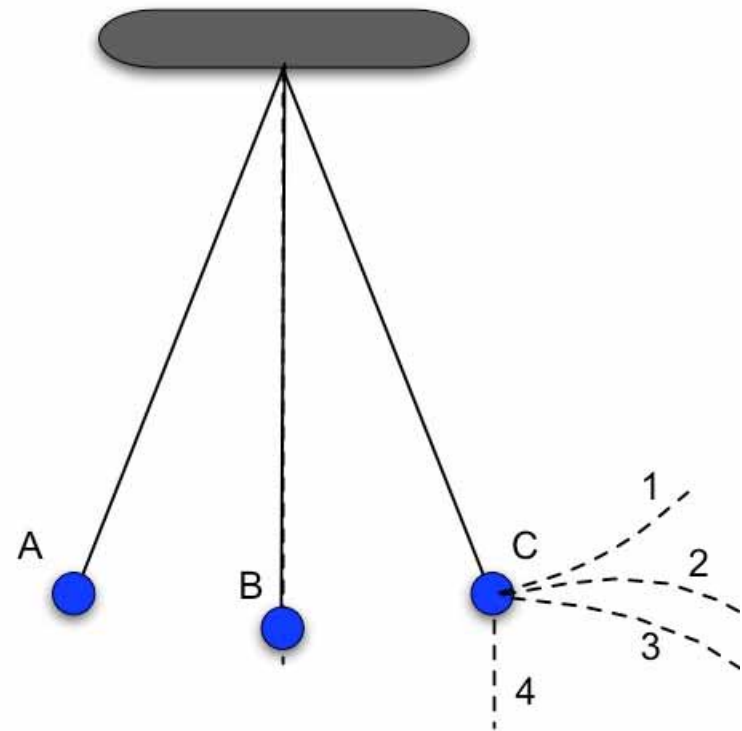
- When it reaches B, the string breaks. What path will the ball follow after the break?



A pendulum is swinging back and forth between the extremes marked A and C. At point B it is directly below the pivot.



- When it reaches C, the string breaks. What path will the ball follow after the break?





A person swings on a swing. When the person sits still, the swing oscillates at its natural frequency. If instead, the person stands up on the swing, the new natural frequency of the swing is

1. greater
2. the same
3. smaller



A person swings on a swing. When the person sits still, the swing oscillates at its natural frequency. If instead, two people sit on the swing, the new natural frequency of the swing is

1. greater
2. the same
3. smaller