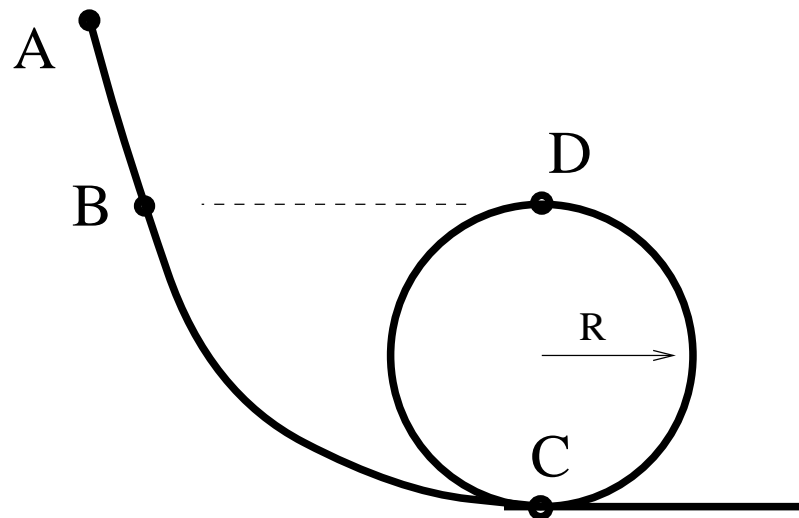


A toy car rolls with no friction along a track that makes a “loop-the-loop,” as shown.



If the car is released from point B, at the same height as point D, then what happens to the car when it gets to point D?

1. The car makes the loop—no problem!
2. The car is just about to leave the track at point D, but it still makes the loop—barely.
3. The car comes to a complete stop at D and then falls.
4. The car leaves the track before it gets to point D.