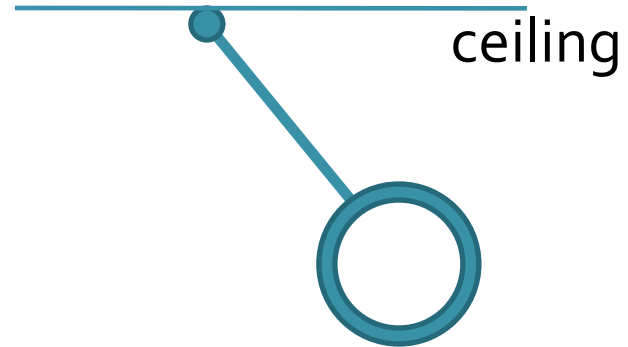


- In a picture taken of the inside of a bus, you notice that there is a handle on a string attached to the ceiling of the bus. It is making this shape.



- What can you say about the bus's motion?
- A. It is accelerating to the right.
  - B. It is accelerating to the left.
  - C. It is moving to the right.
  - D. It is moving to the left.

- Instinctively, we hold on to a pole in a merry go-round to stay balanced. Which of the following is the better explanation?

- A. To fight against the Law of Inertia (Newton's 1<sup>st</sup> law)
- B. To fight against the outward force ("centrifugal force")

