

A pendulum swings next to a board with a peg at a point below the pivot. When the string hits the peg it will swing from that point.

If the pendulum is raised on the left to a height of 20 cm, how far up will it go on the right after hitting the peg?

1. more than 20 cm
2. less than 20 cm
3. 20 cm
4. you can't tell

