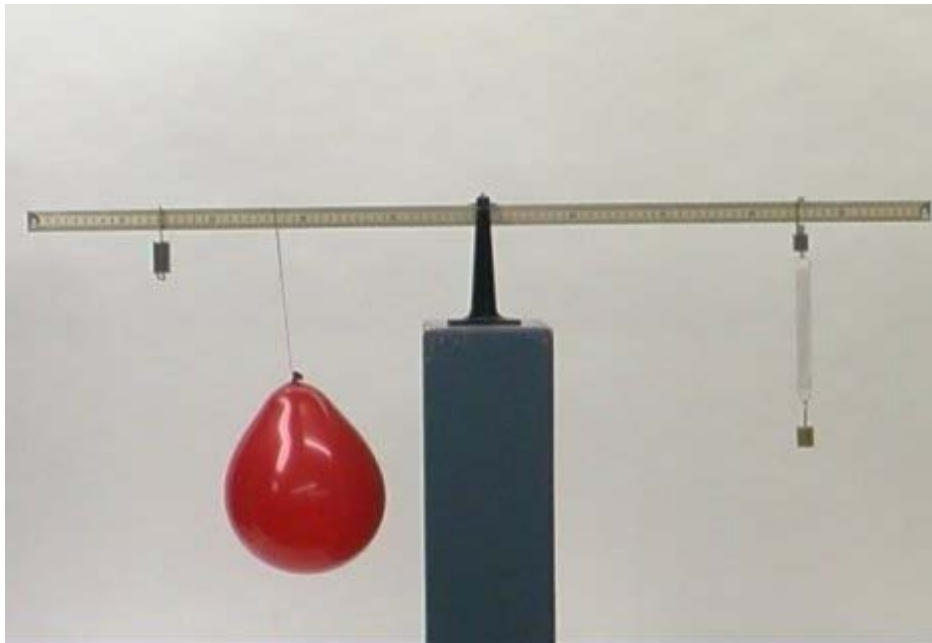


Answer #239

The answer is (a) the right side of the meter stick will go down, as can be seen in an mpeg video by clicking your mouse on the photograph below.



When the string is burned, the weight of the balloon is removed from the left side, leaving a net torque downward on the right side, so the right side will go down.

[Archive 12](#)

[Question of the Week](#)

[Outreach Index Page](#)

[Lecture-Demonstration Home Page](#)



For questions and comments regarding the *Question of the Week* contact [Dr. Richard E. Berg](#) by e-mail or using phone number or regular mail address given on the [Lecture-Demonstration Home Page](#).