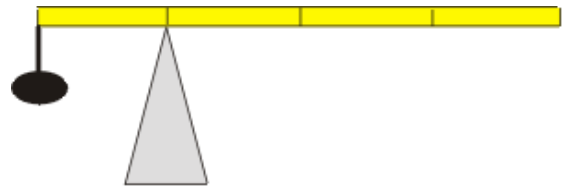


A 1 kg rock is suspended by a massless string from one end of a uniform 1 meter measuring stick.

The stick is balanced by a support force at the 0.25 m mark. What is the mass, in kg, of the measuring stick?



A. 0.25

B. 0.5

C. 1.0

D. 2.0

E. 4.0