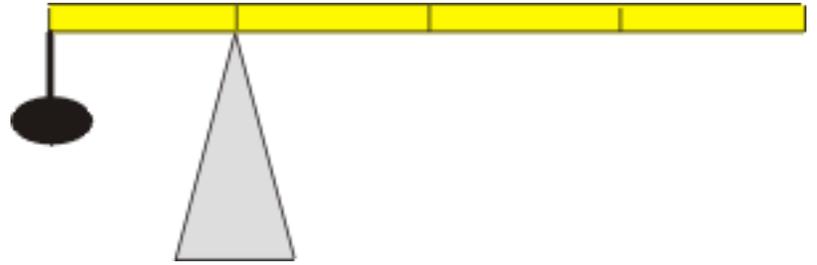


A 1 kg rock is suspended by a massless string from one end of a uniform 1 meter measuring stick. The stick is balanced by a support force at the 0.25 m mark. What is the mass, in kg, of the measuring stick?



1. 0.25
2. 0.5
3. 1
4. 2
5. 4