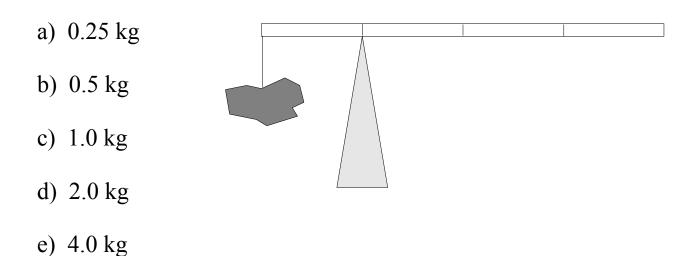
A 1.0 kg rock is suspended by a light string from one end of a 1.0 m rod. What is the weight of the rod if it is balanced by a support force 1/4 the distance from the "rock" end?



f) Impossible to determine.