LEVER

FA = 0.155kg * 9.81m/s^2 = 1.52N   FM = 0.233kg * 9.81m/s^2 = 2.29N

63cm * 0.88g = 55g

100.0g

37cm * 0.88g = 33g

200.0g
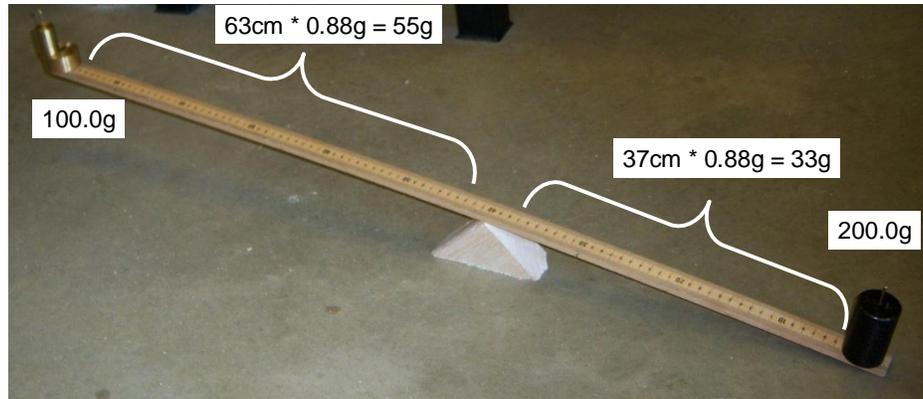
LEVER

˝ ***Mechanical Advantage:***

. Ideal MA = 63cm/37cm = 1.7

˝ ***Efficiency:***

. Actual MA = (2.29N/1.52N) = 1.51

. AMA/IMA = (1.51/1.7)*100 = 89%