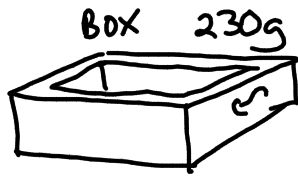


CP - Oct 18

what affects friction?



+ = 730g = .73 Kg
 $w = mg = .73 \text{ Kg} (9.8 \frac{\text{m}}{\text{s}^2})$
 = 7.15 N

Total Mass (kg)	Total Weight (N)	Area in contact (cm ²)	Materials rubbing Top/Bottom	Texture Top/Bottom	Force - to break loose	Force - constant velocity
Mass 1 = .730	$w = mg$ 7.15 N	135	Wood Plastic table	A little rough smooth	3.5 N	2.8 N
Mass 1 = .73	7.15 N	135				
Mass 1 = .73	7.15 N	135				

$(.73 \text{ Kg})(9.8) =$