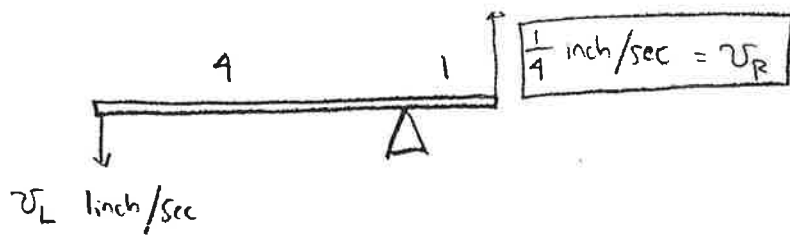


Ex 23.8

Lever problem



A 4 lb weight can be lifted by a 1 lb. force. If a force greater than 1 lb is applied, the system will not be in equilibrium, but the 4 lb weight will accelerate upward.

3. The general rule, which applies to any machine, is $F_1 v_1 = F_2 v_2$