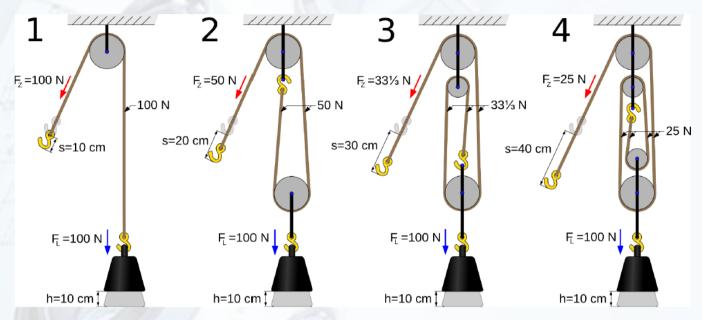
Mechanical concept



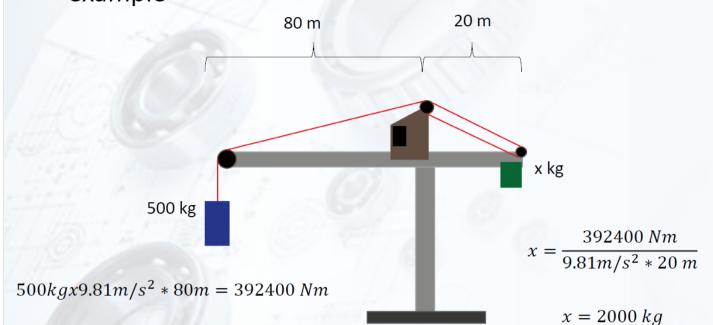




http://wordpress.mrreid.org/2014/07/16/what-is-the-point-of-a-pulley/

Mechanical concept example





If the hoist can only lift 215 kg, How many pulleys for a block and tackle configuration?

$$\frac{500}{2} = 250 \, kg \qquad \frac{500}{3} = 166.7 \, kg$$