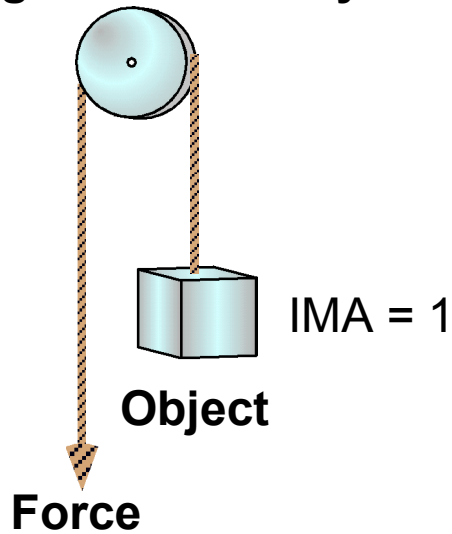
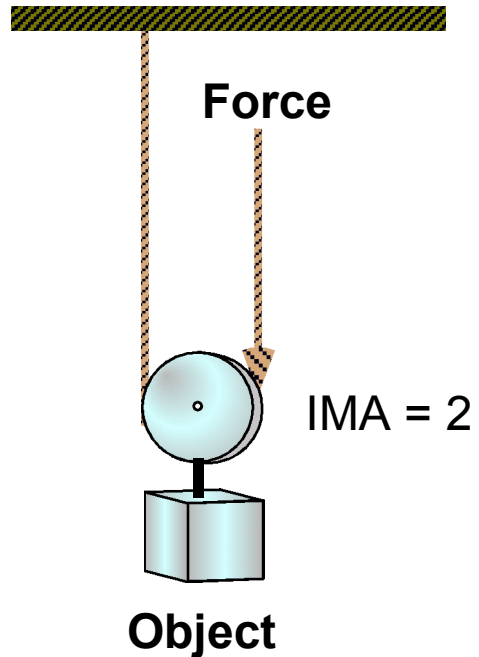


# Types of Pulleys

### Single Fixed Pulley

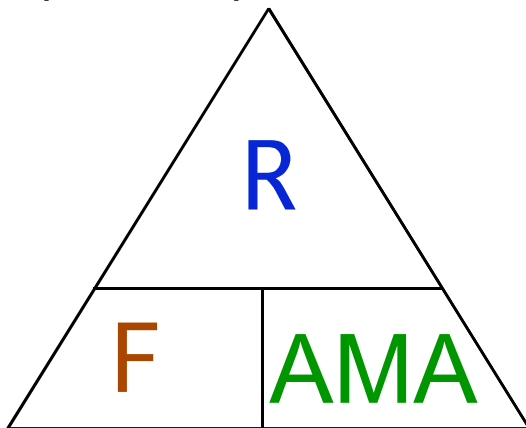


### Single Moveable Pulley



IMA: Ideal Mechanical advantage (ignoring Friction) equals the number of support strands

AMA: Actual Mechanical advantage (includes Friction) equals Output Force  $\div$  Input Force



Pulley Formula

R = resistance or weight

F = input force