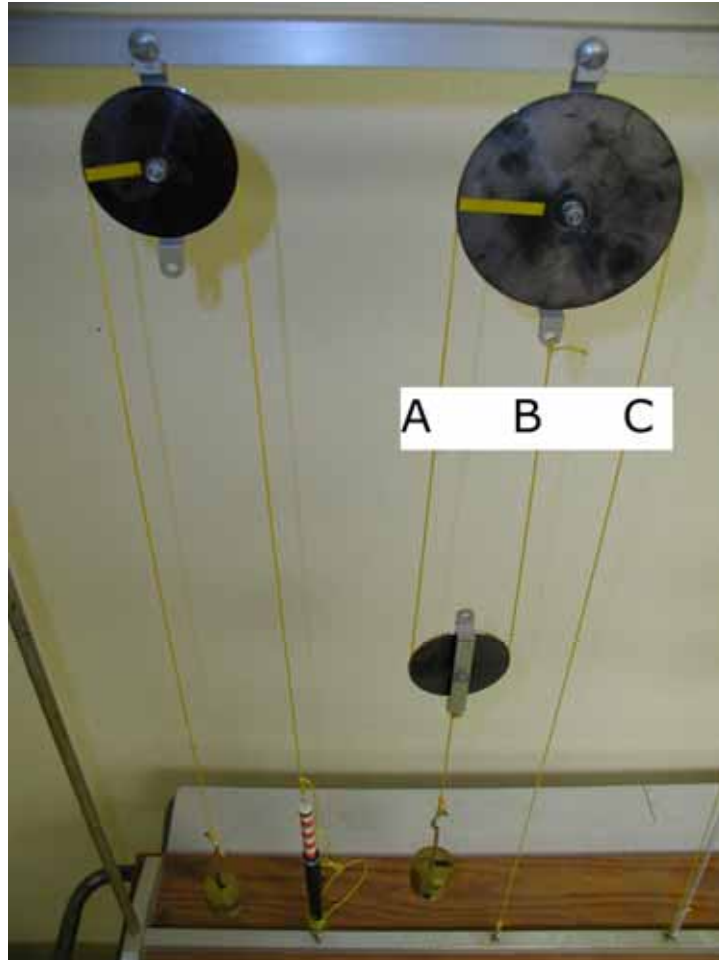


The Utmost Mechanical Advantage



The Utmost Mechanical Advantage

Do the suspension sections (labelled as A, B, and C) of string have to be perfectly vertical in order to achieve the utmost mechanical advantage (minimum force on the free end)? Assume that we could adjust the sizes of pulleys.

- a.) None has to.
- b.) Only A has to.
- c.) Only C has to.
- d.) Only A and B have to.
- e.) They all have to.