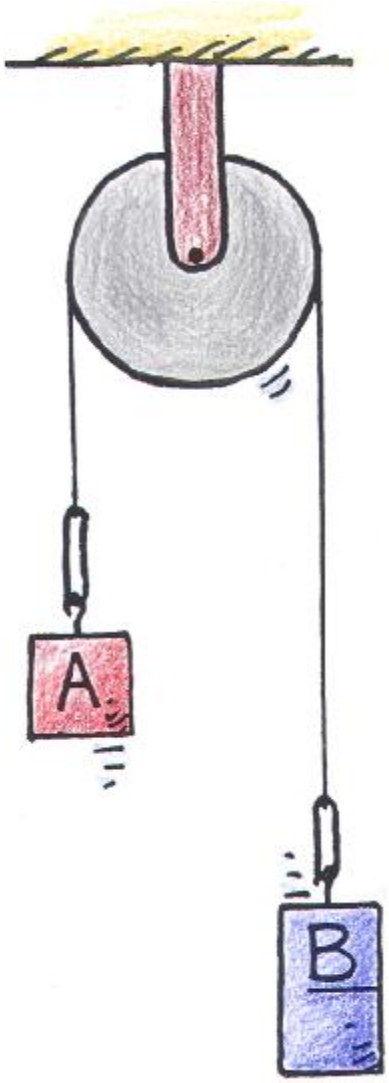

Two identical rubber bands connect masses A and B to a string over a frictionless pulley of negligible mass. The amount of stretch is greater in the rubber band that connects

a) mass A.
b) mass B.
c) Both the same.

thanx to Pablo Robinson

NEXT-TIME QUESTION

Two identical rubber bands connect masses A and B to a string over a frictionless pulley of negligible mass. The amount of stretch is greater in the rubber band that connects

a) mass A.
b) mass B.
c) Both the same.

Answer: c

The tension that stretches the rubber bands is the same as the tension in the string—same at both ends, in accord with Newton's third law.