

WORK AND EFFORT

Materials

Spring Scale Meter Stick 5 Different Objects

What To Do

Attach an object to the spring scale.

Slowly lift or pull the object straight up. Record how much force you used to pull or lift the object (Newtons).

Use the meter stick to measure the distance you moved the object. Record the distance in meters on your answer sheet.

Find out how much work you did by using the formula, $\text{work} = \text{force} \times \text{distance}$ the object moved. Record your answer on the answer sheet.

Repeat steps 2-5 with other objects.