

3. What is the weight of the object you will lift? Remember to indicate the units.

4. How much force is required to lift the object in each test case?
Read the spring scale and record in the table, below.

| Object Being Weighed | Force Needed to Lift? |
|-------------------------------|------------------------------|
| Object alone | |
| Object with fixed pulley | |
| Object with movable pulley | |
| Object with two-pulley system | |

5. Write a paragraph comparing how much force is needed to raise the object in all four cases. Your paragraph should be at least three sentences long.