

Inclined Plane Lab- convert all distances to meters.

1. Draw a picture of your inclined plane set up and label distances of each side of your triangle.

Determine the force necessary to lift the object vertically with the spring scale	Determine the force necessary to pull the object up the ramp with the spring scale
Determine the Work for the vertical scenario.	Determine the work for the ramp scenario
Hypothetically, if it took 3 seconds to do this, what is the power?	Hypothetically, if it took 3 seconds to do this, what is the power?

2. Draw a picture of your inclined plane set up and label distances of each side of your triangle.

Determine the force necessary to lift the object vertically for this distance	Determine the force necessary to pull the object up the ramp
Determine the Work for the vertical scenario	Determine the work for the ramp scenario
Hypothetically, if it took 3 seconds to do this, what is the power?	Hypothetically, if it took 3 seconds to do this, what is the power?

3. Draw a picture of your inclined plane set up and label distances of each side of your triangle.

Determine the force necessary to lift the object vertically for this distance	Determine the force necessary to pull the object up the ramp
Determine the Work for the vertical scenario	Determine the work for the ramp scenario
Hypothetically, if it took 3 seconds to do this, what is the power?	Hypothetically, if it took 3 seconds to do this, what is the power?

4. Draw a picture of your inclined plane set up and label distances of each side of your triangle.

Determine the force necessary to lift the object vertically for this distance	Determine the force necessary to pull the object up the ramp
Determine the Work for the vertical scenario	Determine the work for the ramp scenario
Hypothetically, if it took 3 seconds to do this, what is the power?	Hypothetically, if it took 3 seconds to do this, what is the power?