*Report Sheet*

**Conservation of energy**

*Conversion* 1 from gravitational energy to kinetic energy

Diagram:

Equations:

Data and Results:

Prediction \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Measurement \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Comment:*

*Conversion 2* from elastic energy to work

Diagram:

Equations:

Data and results:

Hooke’s law data:

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Prediction \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Measurement \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Comment:*

*Conversion 3* from elastic energy to gravitational energy

Diagram:

Equations:

Data and results:

Prediction \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Measurement \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Comment:*