

**FORCES IN TRUSS**

**Results**

**Table 1: Truss Dimensions**

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| --- | --- |
| **FRAME** | **DIMENSIONS** |
| **L1** |  |
| **L2** |  |
| **H** |  |

**Table 2: Measured Readings of Forces in Truss**

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| --- | --- | --- | --- |
| **MEMBER** | **INITIAL READING** | **INCREASING W** | **DECREASING W** |
| **10** | **20** | **30** | **40** | **30** | **20** | **10** |
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**Table 3: Measured Forces in Truss**

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| **MEMBER** | **INCREASING W** | **DECREASING W** |
| **10** | **20** | **30** | **40** | **30** | **20** | **10** |
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 **Table 4: Calculated Forces in Truss**

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| **MEMBER** | **LENGTH** | **EXPERIMENTAL** | **THEORY** |
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**Discussions/Analysis**

1. What is the relationship between the experimental and theoretical values obtained?
2. Will there be any changes to the angles of the frame with the loading?
3. What are the precautions that should be taken in this experiment to ensure its accuracy?

**Conclusions**

Refer to the objective.

**References**/**Appendices**

1. Text book, reference books from the library or electronic references from the internet.
2. Related photo or plate due to the experiment.