**Hot Drinks Cooling**

**Assignment**

**Scientific Report**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Class: \_\_\_\_\_\_\_\_**

**Log Book – Hot Drinks Cooling**

**Aim:**

*What you want to achieve in the experiment?*

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**Independent variable:** *(change)* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Dependent variable:** *(measure)* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Controlled variable:** *(same)* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Hypothesis:**

If \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ then\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Materials and method**:

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

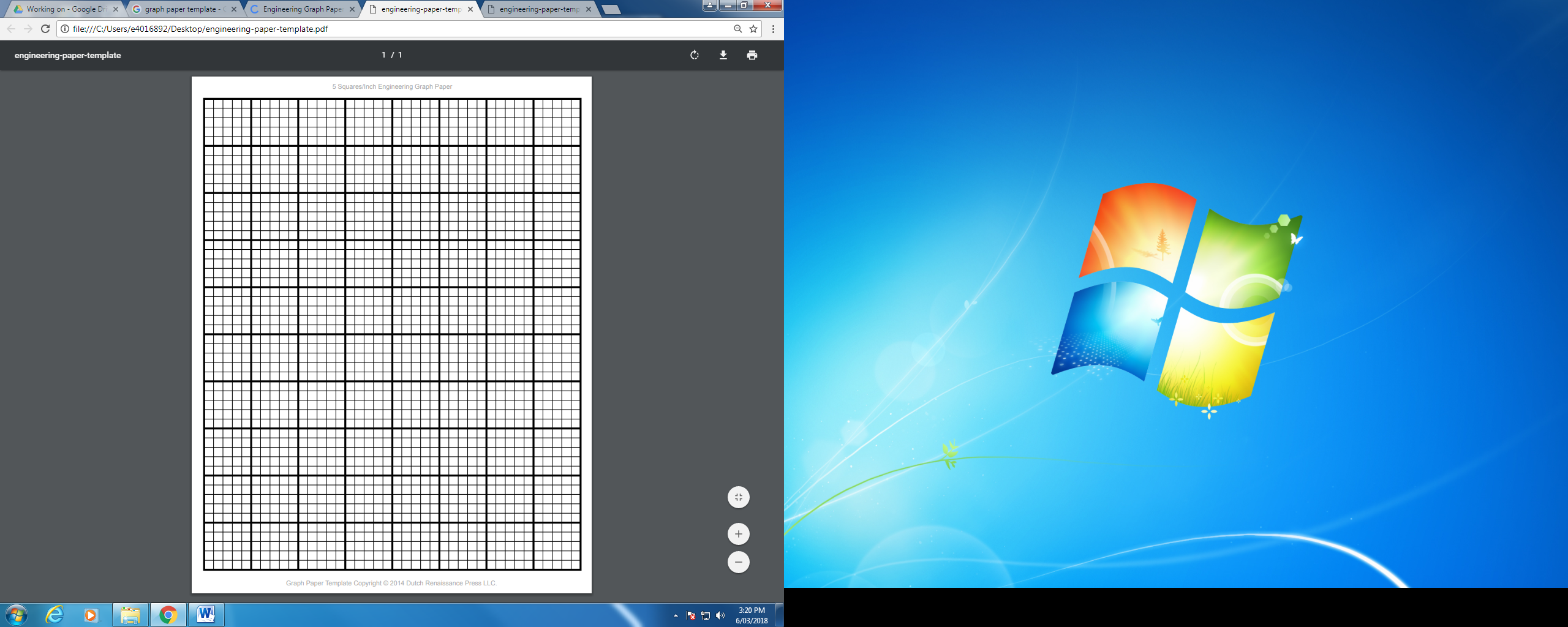
**Diagram:**

*Draw a scientific diagram of your set up.*

**Table:**

*In the space below please construct a table of your results.*

**Graph**



**Discussion**

*Which drink cooled the fastest?*

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*Which drink cooled the slowest?*

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*Describe the trend or pattern that each graph showed. Was it increasing, decreasing or unpredictable?*

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*Explain why the drinks cooled at different rates.*

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**Conclusion**

*Summarise what you discovered at the end of the experiment.*

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**Evaluation**

*Were there any problems when you were conducting your experiment?*

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*What improvements could be made to the experiment?*

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**Total: /30**