|  |  |  |  |
| --- | --- | --- | --- |
| ***Part A* Hypothesis** | Control – KVariables – CMath relationship – TVariable order - T |  |  |
| **Table of values** | Constants – K~~Headings – T~~ Values – C  |  |  |
| **Graph** | ~~Correct variables selected, correct title – T~~ best fit line or curve selected, drawn properly – TTable of values, (headings, data) correct – KPoints plotted correctly, scale – KAxes labels - in correct location, error circles around data points – CAxes labels – English and math, SI units – C  | **Conclusion** | Graph referred to – K Control – KVariables – CMath relationship – TVariable order - T |
| ***Part B* Hypothesis** | Control – KVariables – CMath relationship – TVariable order - T |  |  |
| **Table of values** | Constants – K~~Headings – T~~ Values – C  |  |  |
| **Graph** | ~~Correct variables selected, correct title – T~~ best fit line or curve selected, drawn properly – TTable of values, (headings, data) correct – KPoints plotted correctly, scale – KAxes labels - in correct location, error circles around data points – CAxes labels – English and math, SI units – C | **Conclusion** | Graph referred to – K Control – KVariables – CMath relationship – TVariable order - T |
| ***Part C*** **Hypothesis** | Control – KVariables – CMath relationship – TVariable order - T |  |  |
| **Table of values** | Constants – K~~Headings – T~~ Values – C  |  |  |
| **Graph** | ~~Correct variables selected, correct title – T~~ best fit line or curve selected, drawn properly – TTable of values, (headings, data) correct – KPoints plotted correctly, scale – KAxes labels - in correct location, error circles around data points – CAxes labels – English and math, SI units – C | **Conclusion** | Graph referred to – K Control – KVariables – CMath relationship – TVariable order - T |
| ***Application* Random Errors** | One stated – AExplanation about how to reduce stated random error – A | **Systematic Errors** | One stated – AExplanation about how to reduce stated systematic error – A |
|  | One stated – AExplanation about how to reduce stated random error – A |  | One stated – AExplanation about how to reduce stated systematic error – A |