2019 GIS Unit 4 - Task 9 – Calculating acceleration answer key

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| Investigation | Marks Allocated |
| Variables  Independent variable (2 marks)   * Identifies an appropriate variable and the units   Dependent variable (2 marks)   * Identifies an appropriate variable and the units   Controlled variables (2 marks)   * Identifies two variables to be controlled – 1 mark per variable.   Uncontrolled Variables (2 marks)   * Identifies two uncontrolled variables – 1 mark per variable. | **8** |
| Hypothesis  Hypothesis links independent and dependent variables – 2 marks  Provides a brief explanation of scientific basis for their hypothesis – 2 marks | **4** |
| Results Tables  Correctly labelled titles for each | **8** |
| Acceleration Calculations | **12** |
| Graph | **7** |
| Results Summary | **6** |
| Discussion | **6** |
| Evaluation | **10** |
| Conclusion | **4** |
| Total | **65** |