**Identifications 10**

**Rigor In Calculus**

**Higher Order Logic**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Dates | Notes |  |
| 1 | Jules Henri Poincaré |  |  |  |
| 2 | William Rowan Hamilton |  |  |  |
| 3 | Georg Friedrich Bernhard Riemann & The Riemann Hypothesis |  |  |  |
| 4 | Karl Theodor Wilhelm Weierstrass |  |  |  |
| 5 | Axiom of Archimedes |  |  |  |
| 6 | Richard Dedekind & A Dedekind Cut |  |  |  |
| 7 | Cauchy Convergence Criterion  & do example |  |  |  |
| 8 | Least Upper Bound Axiom  & do examples |  |  |  |
| 9 | Definition of Limit  & do example |  |  |  |
| 10 | Definition of Continuity  & do example |  |  |  |
| 11 | Propositional Calculus  & do example |  |  |  |
| 12 | Predicate Logic, First Order Logic  & do example |  |  |  |
| 13 | Second Order Logic  & do example |  |  |  |
| 14 | Higher Order Logics  & do example |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |