**Identifications 10**

**Rigor In Calculus**

**Higher Order Logic**

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|  |  | 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 |  |  |  |
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