

## A Timeline for the Foundational Crisis and the Vienna Circle

- 1874: Cantor introduces *Set Theory*
- 1879: Frege publishes *Begriffsschrift*
- 1893: Frege publishes *Grundgesetze der Arithmetik, Vol I*
- 1899: Hilbert states his 22 axioms for Euclidean geometry.
- 1900: Hilbert's famous lecture at the International Congress of Mathematicians in Paris
- 1902: Frege publishes *Grundgesetze der Arithmetik, Vol II*. Russell's paradox.
- 1910-13: Russell and Whitehead publish *Principia Mathematica*
- 1922: Wittgenstein publishes *Tractatus Logico Philosophicus*
- 1922: Schlick organizes the *Vienna Circle* along with Carnap and Hahn
- 1931: Gödel's Theorem
- 1936: Schlick is assassinated. The Vienna Circle ends.

## Ages of Key People

<u>Person</u>		<u>Age in 1902</u>	<u>Age in 1922</u>	<u>Age in 1931</u>
Immanuel Kant	(1724-1804)			
Leopold Kronecker	(1823-1891)			
Ernst Mach	(1838-1916)	64		
Georg Cantor	(1845-1918)	57		
Gottlob Frege	(1848-1925)	54	74	
Henri Poincaré	(1854-1912)	48		
David Hilbert	(1862-1943)	40	60	69
Bertrand Russell	(1872-1970)	30	50	59
Hans Hahn	(1879-1934)	23	43	52
L.E.J. Brouwer	(1881-1966)	21	41	50
Moritz Schlick	(1882-1936)	20	40	49
Ludwig Wittgenstein	(1889-1951)	13	33	42
Rudolf Carnap	(1891-1970)	11	31	40
Kurt Gödel	(1906-1978)		16	25