

Critical Reasoning

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Two Paradigms of Truth



VS.



Different Ways for Understanding the World and Ourselves

Personal
experience

Rational
arguments
and abstract
reasoning

Scientific
observations,
experiments and
data collection

Religious
faith,
spiritual
and
personal
beliefs



Israel ex. Cum Priu. Reg.

*es Voleurs infames et perdus ,
uits malheureux a cet arbre pendus*

*Monstrent bien que le crime (horrible et noire engeance)
Est luy mesme instrument de honte et de vengeance ,*

*Et que cest le Destin des hommes vicieux
Desprouuer tost ou tard la iustice des Cie*

Jaques Callot, The Miseries of War, 1632

Europe in the 17th century

The Thirty Year War (1618-1648) caused 8 million casualties

Leibniz's Dream of Peace

*The only way to rectify our reasonings is to make them as tangible as those of the mathematicians, so that we can find our error at a glance, and when there are disputes among persons, we can simply say: **Let us calculate** [calculamus], without further ado, to see who is right.*
(from *The Art of Discovery*, 1685)

