

HISTORY OF MATHEMATICS — ASSIGNMENT ONE
(EXAMPLE)

- (1) (2 points) What are our two main sources of information about Egyptian Mathematics? When they have been written?
- (2) (5 points) Can you prove Thales theorem: An angle inscribed in a semicircle is a right angle?
- (3) (2 points) Why Thales of Miletus is important?
- (4) (3 points) Why Japanese Mathematics in the Edo period is interesting?
- (5) (2 points) Why the “Book on Addition and Subtraction after the Method of the Hindus” is important?
- (6) (4 points) When spherical trigonometry was introduced?
- (7) (2 points) What was the major contribution of François Viète?
- (8) (3 points) Who conceived the idea of finding maxima and minima by setting the derivative to zero?
- (9) (2 points) What was the discipline for which the “brachistochrone problem” was crucial?
- (10) (2 points) Who developed the first non-Euclidean geometry, although not publishing the result?
- (11) (2 points) Who wrote “On the Hypotheses which Lie at the Bases of Geometry”?
- (12) (3 points) What has been proved by Yuri Matiyasevich (1970)?