

ADDITIONAL PROBLEMS FOR ASSIGNMENT 7:

(1) Without using Quadratic Reciprocity, compute

(a) $\left(\frac{5}{17}\right)$

(b) $\left(\frac{-12}{29}\right)$

(c) $\left(\frac{-50}{59}\right)$

(2) Using Quadratic Reciprocity, compute

(a) $\left(\frac{461}{773}\right)$

(b) $\left(\frac{-262}{479}\right)$

(c) $\left(\frac{706}{937}\right)$