

ASSIGNMENT 1 · MAT 999 · FALL 1798

C. F. GAUSS

**Problem (1).** What is  $101+2$ ?

*Answer.* 103.

**Problem (2).** What is  $107+2$ ?

*Answer.* 109.

**Problem (3).** Prove that there are infinitely many primes of the form  $p, p + 2$ .

*Proof.* Well, this problem sounded easy but I haven't proved it yet ...

□