

**24.400**  
Proseminar in philosophy I

Fall 2003

Good Housekeeping

Read the excerpt from Quine's *Mathematical Logic*, and then:

- (a) do Cartwright's two problem sets, and
- (b) correct passages A-F (see attached sheet).

Grundlagen

1. According to Mill, arithmetical truths are "in reality physical truths obtained by observation" (*A System of Logic*, 28). Explain what Mill means by this, and evaluate Frege's criticisms of it.
2. Evaluate Frege's criticisms of the view that "Number is a property of external things" (§21ff). Why does Frege think that his discussion "may easily lead us to regard number as something subjective"? That would be a mistake, according to Frege. Are his reasons persuasive?