2004 All-Day Sprint: Coded Quotes
School Code: ____ School Name: ________

This Sprint should be completed by students without any adult assistance. Only one answer form should be turned in by each school. This is just a worksheet on which you can scribble while you work out the answers. Be sure to turn in the YELLOW answer sheet before 2:00 in the box in room 208 Maybank.

Instructions: The four quotes below (note that there are two on the back as well) have all been encoded using the same substitution code that replaces letters by mathematical symbols. Your task is simply to correctly decode the quotes and the names of the people who said them.

• \((\equiv h\forall\rho\pi\theta\leq) (\partial\forall\rho\equiv\int\Delta)\):
  \((\pm\forall\otimes h\theta\pm\forall\otimes\int\Leftrightarrow\leq) (\leq\theta\theta\pm\leq) (\otimes\land) (\theta\Delta\partial\land) (\equiv\int\otimes h)
  (\leq\land\pm\otimes h\int\Delta\Gamma) (\sim\int\neq\theta) (\forall) (\Delta\theta\equiv) (\leq\theta\Delta\leq\theta)\).

• \((\sim\rho\theta\theta\pm\forall\Delta) (\partial\geq\leq\land\Delta)\):
  \((\sim\land\rho) (\forall) (\psi h\leq\leq\int\Leftrightarrow\leq\otimes) (\pm\forall\otimes h\theta\pm\forall\otimes\int\Leftrightarrow\leq) (\int\leq) (\Delta\land\otimes)
  (\cup\Leftrightarrow\leq\otimes) (\forall) (\land\land\land\varpi) (\infty\geq) (\pm\theta\Delta\leq) (\land\sim) (\equiv h\int\Leftrightarrow h)
  (\psi h\theta\Delta\land\pm\theta\Delta\forall) (\Leftrightarrow\forall\Delta) (\forall\theta) (\Leftrightarrow\forall\varpi\Leftrightarrow\forall\forall\otimes\theta\partial), (\int\otimes) (\int\leq)
  (\otimes\varpi h\theta) (\pm\forall\int\Delta) (\leq\land\uparrow\rho\Leftrightarrow\theta) (\land\sim) (\Leftrightarrow\land\Delta\Leftrightarrow\theta\otimes\varpi\leq) (\forall\Delta\partial)
  (\psi\rho\int\Delta\Leftrightarrow\int\varpi\theta\leq) (\sim\infty\geq) (\pm\theta\Delta\leq) (\land\sim) (\equiv h\int\Leftrightarrow h) (\Delta\theta\equiv)
  (\otimes\varpi h\theta\land\rho\int\theta\leq) (\Leftrightarrow\forall\Delta) (\infty\theta) (\Leftrightarrow\rho\theta\otimes\theta\partial).\)
GH HARDY:
ARCHIMEDES WILL BE REMEMBERED WHEN AESCHYLUS IS FORGOTTEN, BECAUSE LANGUAGES DIE AND MATHEMATICAL IDEAS DO NOT. IMMORTELITY MAY BE A SILLY WORD, BUT PROBABLY A MATHEMATICIAN HAS THE BEST CHANCE OF WHATSOEVER IT MAY MEAN.

SOPHIA KOVALEVSKY:
IT IS IMPOSSIBLE TO BE A MATHEMATICIAN WITHOUT BEING A POET IN SOUL.