1018-11-125 **Rene Schoof*** (`schoof@mat.uniroma2.it`), Universita' di Roma "Tor Vergata", Dipartimento di Matematica, I-00133 Roma, Italy. *Modular curves and semistable abelian varieties over* **Q**. Preliminary report.

For every squarefree natural number n, the Jacobian variety $J_0(n)$ of the modular curve $X_0(n)$ is a semi-stable abelian variety, admitting good reduction modulo the primes that do not divide n. We show that for odd squarefree $n < 30$, any semi-stable abelian variety with good reduction outside n is isogenous to a power of $J_0(n)$. (Received March 02, 2006)