Math 370 Number Theory
Assignment # 9

1. Let p be and odd prime. Suppose that $\left(\frac{75}{p}\right) = -1$, $\left(\frac{93639}{p}\right) = 1$. Find $\left(\frac{4719}{p}\right)$.

2. Show that if n is an odd composite number and $a < n$ is a Fermat witness then a is a Rabin-Miller witness.