Math 70 - Quiz 11 Sections 6.1, Friday December 7th
Show all your work!

Note: $P = P_0(e^{rt})$, $P = P_0(1 + \frac{r}{n})^{nt}$.

1). Construct an equation for an investment of \$2000 at 5% compounded

a). Semiannually

b). Quarterly

c). Continuously

2). Express your answer as a single logarithm:

a). $2\ln x - 3\ln y$

b). $3\ln 2 - \ln 2 + 2\ln 4$