

MATA32 – Winter 2010
Quiz 3

Name: _____

1. The demand equation for a product is $p = 8^{2-\frac{1}{2}q}$. Express q in terms of p , using only base 10 logarithms.

2. If an investor has a choice of investing money at 6% compounded weekly, or at 6.25% compounded semiannually (i.e. twice per year), which is the more profitable choice? Justify your answer. You may use the fact that there are 52 weeks in a year.