

## MATH 121 Lowman Exam 2, Spring 2008 Answers

1.  $-4 < x < 6$
2.  $x > 5$  or  $x < -3$
3.  $t = \frac{\ln(10B) - \ln 9}{r \ln 2}$
4.  $1 - i, i, -i$
5.  $x = 2, 3$
6. (a)  $x = 1$   
(b)  $f(0) = 4$   
(c)  $f(x) \rightarrow -4$  as  $x \rightarrow \pm\infty$   
(d) use calculator