

MATH 162 QUIZ, Spring 2007

		Name: _____
1.	For which values of k is $y = e^{kt}$ a solution of the equation $y'' + y' - 6y = 0$?	Ans: _____.
2.	<p>Given the differential equation $\frac{dy}{dt} = 3y[y - 10]$.</p> <p>a) For which values is y decreasing?</p>	<p>b) Sketch a qualitative solution of the equation with initial conditions $y(0) = 8$?</p>
	Ans: _____.	
Extra Space		