## Chapter 7, Problem 35.

Find the solution to the following differential equations

(a) 
$$\frac{dv}{dt} + 2v = 0$$
,  $v(0) = -1V$   
(b)  $2\frac{di}{dt} - 3i = 0$ ,  $i(0) = 2A$ 

(b) 
$$2\frac{di}{dt} - 3i = 0$$
,  $i(0) = 2 \text{ A}$