



E	x 1)	v(†)	= 6†² -	- 18† +	· 12,	0 <u><</u> t <u><</u> 2]		
a.)	Dete	rmine	when the	e particle	e is m	oving to	the right,	left, s	stopped.

b.) Find the particles displacement.

c.) If s(0)=3, find its final position.

d.) Find the total distance traveled.

e.) Find the acceleration at t=0.

Ex 2) V = 6sin(3t), $0 \le t \le (\pi/2)$

a.) Determine when the particle is moving to the right, left, stopped.

b.) Find the particles displacement.

c.) If s(0)=3, find its final position.

d.) Find the total distance traveled.

e.) Find the acceleration at t=0.





Homework

7.1 #1, 3, 5, 7, 9