		Date: Oct 22		Hour:A	Alg 1
Name:	3a Day 1: Constant Rates of Cha	nge	У		
Focus	Question: What is a rate of change?				
A	The Constant Function Use the following two graphs  1. Write the equation of each line.  Line a:	situation it means miles from home at the ible so its rate is  (undefined) quation for the function	Distance from home (mi)	Time (hrs)	Line b  A 5 6 X
	in function notation.  f(x) = 5  4. To describe the function we would say constant. That's why this is called a constant. That's why this is called a constant.  5. When you look at the equation, give and the constant.	that as the time increase nstant function. What e	wedista	sition	anti-
	6. At what speed is the person driving in Omph D/c Hueir  7. Speed is an example of a rate of change Miles per hour	position is	not c	can you thin	
	8. What did all of your rates have in com				
В.	Constant Rates of Change  Each graph below represents a person run	ning/walking towards hi	s/her house.	stoppe	
Distance		Janice			Dylan
from	3		-3	4	
home	2		-2		
i)	John of old	in 2milus	0		2 3
Mi	1. Which person is traveling at a constar	et rate? Explain.	2 mi	ser hr	

