Ho	nme nors Physics riod		Date Kinematics WS #3H Mrs. Nadworny	
		Constant V	elocity	
	rections: Read text low all work clearly.	book pages 45 – 46. Solve the f	following problems using	the GUESS method.
1.	The graph below represents the motion of an object.			
		Displacement		
		graph, as time increases, the velo		
_	A) decreases	B) remains the same	C) increases	
2.		D. meters due east in 5.0 second During their periods of travel, the		
	A) velocity	B) momentum	C) displacement	D) speed
3.	How long does it t	ake a skier to travel 595 meters	, going 16.1 m/s?	
4.	A bicycle averages	s 4.9 m/s while traveling for 11.0	) minutes. How far does i	t travel?
5.	What is the averages! SI units.	ge speed of a car that travels 5.7	$^{\prime}$ x 10 $^{4}$ meters in 1.0 hou	r? Give your answer in

6. Grant Wishiz rides his bike around the high school and down to the Pulaski Road School. He travels a total distance of 720 meters. The trip takes him 5.3 minutes. What is his average speed

in meters/second?

7.	<ol> <li>Mike travels 4.6 meters east and 2.2 meters south in 3.67 seconds.</li> <li>a. Calculate his displacement.</li> </ol>	
	b.	Calculate his average speed.
	C.	Calculate his average velocity.
8.	seconds.	s 25 meters to fetch a stick and then returns to his owner. The entire trip takes 5.7 Calculate the dog's average speed.
	b.	Calculate the dog's average velocity.
9.		aftz walks 200. meters down Elwood Road then turns right onto Pulaski and walks 250 she is traveling with an average speed of 0.50 m/s, how long will it take her?
		Answers in size order: 0 1 / 1 9 2 3 5 1 8 8 16 37 0 9 0 v 102 3200