Name:					

## **CHAPTER 1 VOCABULARY**

PICTURE	WORD	WORD IN NATIVE LANGUAGE	DEFINITION	DEFINITION IN NATIVE LANGUAGE
1.1				
	Reaction time			
1.2				
Random Error	Random Error			
Systematic Error	Systematic Error			

ACCURATE (Correct)	Accuracy		
PRECISE (Consistent)	Precision		
1.3			
SPEED LIMIT 80	Speed		

<u> </u>	Constant speed		
Speed Time	constant speca		
A truck travelled 480 miles. The trip took 8 hours.  Speed = 480 + 8 = 60 miles per hour = 60 mph	Average speed		
DO PORTO	Instantaneous speed		
engineeringtoolbox com	Velocity		

Doppler Effect  Low Frequency  High Frequency	Doppler effect		
driver sees brake car danger applied stopped	Reaction distance		
1.4	acceleration		
magnitude head direction, tail	vector		

		T	
Negative Acceleration	Negative		
	acceleration		
50 mph 30 mph			
Positive Acceleration	Positive		
T USHIVE ACCEPTATION	acceleration		
	acceleration		
50 mph 70 mph			
0 0 0			
tangent r(i)	Tanana Kina		
tangent $r(i)$ line	Tangent line		
$I_0$ $a$			
$I_0$ a			
1.5			
	Negative		
	acceleration		
3 stops and then rolls back, speeding up	acceleration		
7			
2 slows down			
i steady speed			
$\longrightarrow$			