Name: _

Period:



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Name: _____ Period: _____

Ch. 2:1

Speed (S) or Velocity (V)		Scalar (S) or Vector (V)		Match the variables with quantities.		
 A bike goes 25 m/s toward main street. A person walks 4 mph. A plane flies 200 m/s. A bird flies 100 mph due south. 		 40 mph toward Dallas. A 25 N force pulls on a wagon. 10 meters up the hill. 12 meter per sec². 		1. a = 2. S or v = 3. m = 4. D = 5. F = 6. T =		23 kilograms 23 sec 3 m/s ² 23 meters/sec 23 meters 23 newtons
A person starts running from 2 m/s to 6 m/s in 2 seconds. Calculate the person's acceleration.			A plane stops from 250 mph in 25 seconds. Calculate the planes acceleration.			
Variables: Formula:	Solve:			es: Solve: a:		
A guy bikes 15 miles in 1 hour, then rests for an hour. Then he bikes 25 in 2 hours. What was his average speed for the trip?			A dragster's top acceleration is 60 m/s ² . If it accelerates for 3 seconds from the starting line, how fast will it be going?			
Variables: Formula:	Solve:		Variabl Formula	es: a:	Solve:	
$\begin{bmatrix} 70 \\ 60 \\ 50 \\ 40 \\ 930 \\ 20 \\ 10 \\ 0 \\ 2 \end{bmatrix}$ Find the acceleration	Speed vs	. Time	The slo	Speed vs.	Time f f C D me on vs. time graph vs. time graph m	Which graph segments it the following: Constant speed: Deceleration: Accelerating:

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