
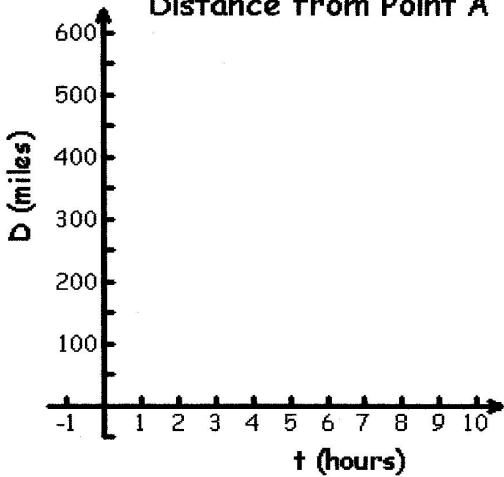


Communicating and Connecting What We Know About Accumulating Distance When Speed is Constant

Verbal			Graph	
<p>Chick Hicks</p> <div style="text-align: center;">  </div>			<p style="text-align: center;">Distance from Point A</p> 	
Table			Analysis	
time (hours)	Distance from point A (miles)	Total Distance Traveled (miles)	<ol style="list-style-type: none"> 1. The equation $D = 75 + 25t$ gives the distance from point A of the car with t denoting the time in hours. 2. How far from point A is the car after 3 hours? 16 hours? 2.5 hours? 3. How long will it take the car to be 150 miles from point A? 4. How is the speed of the car represented on the graph? table? symbolic rule? 5. Write a rule for the total distance, TD, traveled by the car with t denoting the time in hours. <p style="margin-left: 20px;">TD =</p>	
t	D	TD		
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				