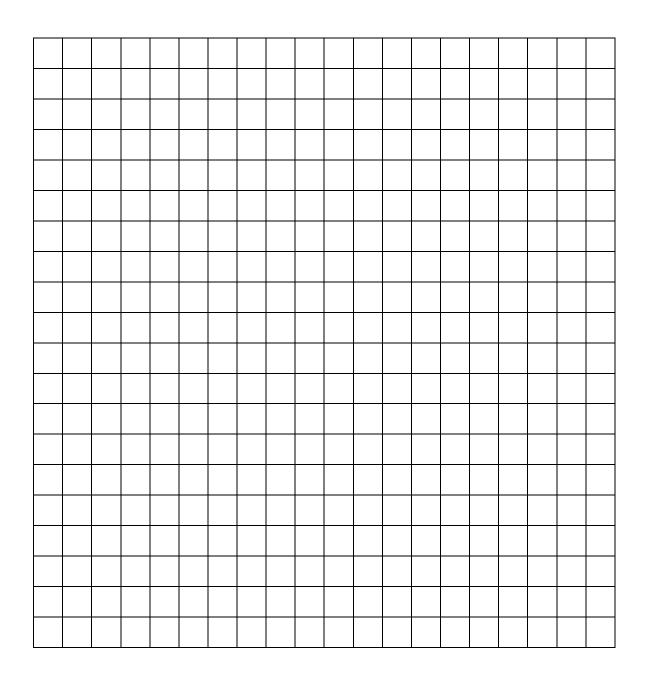
Name		
Date	Per	
	Speed of Diffus	sion
Diffusion:		
Question:		
Hypothesis:		

Record the time it takes to smell the heated substance at each distance in the table below. Convert time in minutes to seconds. Calculate the speed of diffusion for each distance.

Distance (cm)	Time (minutes)	Time (seconds)	Speed (cm/s)
60			
120			
180			
240			
300			
360			
420			
480			
540			
600			
660			
720			
780			
840			
900			
960			
1020			
1080			
1140			
1200			

Use your data to make a distance-speed graph (in seconds) of diffusion. Use the words distance, speed, heated substance and diffusion in your title.



## Conclusion:

Using qua	ntitative data, give tw	vo distances and	speeds that su	pport your conclusi	on. Do