distance = 5	
GRAPHS OF MOTION 1 Name min = 60 S min = 60 S	
1. A racer covered a 4500 m course in 18 minutes. Calculate the velocity in meters recently. S 4500 m 4500 m 4500 m 10 m	
2. Jane ran at a constant speed of 2.75 m/s for 30 minutes. How far did she run in meters? Km? 5 = V = (2.75 m/s for 30 minutes. How far did she run in meters? Km?	>
3. A photon of light travels at 3×10^8 m/s (the speed limit of the universe). If it takes light about $9/\sqrt{5}$ minutes to reach Earth from the sun, what is the Earth-Sun distance?	ر ج
4. Does this graph of a trip by a car represent a real situation? Explain. (-62×10^{-6}))
Distance BACK IN TIME	/
5. A car drives on a road at a speed of 35 mph. Convert this into m/s and compare the distance the car travels in one second to the size of our classroom. 6. Calculate the slope of the following graphs. Be sure to state units.	
As (km) As (m) M (kg) Sope 700	
1 2 3 4 6m 1 0.5 1.0 1.5 2.0 At (s) At (wks) 1 2 3 4 5 W 1 2 3 4 5 W 1 2 3 4 5 W 1 2 3 4 5 W 1 2 3 4 5 W 1 2 3 4 5 W 1 2 3 4 5 W 1 2 3 4 5 W 1 2 3 4 5 W 1 2 3 4 5 W 1 2 3 4 5 W 1 2 3 4 5 W 1 2 3 4 5 W 1 2 3 4 5 W 1 2 3 4 5 W 1 2 3 4 5 W 1 3 4 5 W 1 3 5 W 1 3 5 W 1 3 5 W 1 3 5 W 1 4 5 W 1 5 W	よなと

