

Physics
Ms. Cerami

Unit II: Particle Moving with a Constant Velocity

Car Experiment Analysis Questions

1. What are the units of slope on a position-time graph? What does the slope value on the position-time graph represent physically?
2. What does the y-intercept on the position-time graph represent?
3. Compare the measurements you took for the two different cars. How was the motion of the cars similar? How was the motion different?
4. Based on your results, determine whether either or both of the cars moved at a constant speed. Explain how you know.