

Rocket Worksheet #1
Reading Distance, Velocity and Acceleration vs. Time Graphs

1. What maximum altitude did the rocket reach? When? What is the term for max altitude?

2. What was the rocket's maximum velocity? When did this occur?

3. What was the rocket's maximum acceleration? When did this occur?

4. Did any of the maximums above occur at the same time?

6. Did the rocket ever have a velocity of 0? If yes, when? (Both a time and event)

7. Did the rocket ever have an acceleration of 0? If yes, when? (Both a time and event)

8. When did the engine burn out? How did you determine this?

9. Describe the rocket's flight from lift-off to apogee. Include engine burn, acceleration, velocity, altitude.