Topic 8: A.CED 2 Exit Slip

Name_____ Period _____ Date_____

1. What value of k would allow the equation y = kx to model the situation that follows?
A runner is moving at 6 miles per hour during his marathon race (26.2 miles).
If y represents the total miles run and x represents the number of hours that have passed, write an equation that models the situation.

2. Decide if the data in the graph represent a direct or inverse relationship._____
What is the value of k for the equation you chose?