Name Date

First to Arrive

Two vehicles are traveling along the same path for 5 hours. Vehicle A is traveling at a rate of 30 miles per hour. Vehicle B is traveling at a

rate of 60 miles per hour. At the completion of the trip, which vehicle will

have traveled the farthest? How much farther? Complete the tables, graph the data by creating a coordinate grid, and include a justification for your reasoning.

|  |  |  |
| --- | --- | --- |
| Car A: 30 MPH |  | Car B: 60 MPH |
| Number of Hours | Total Miles |  | Number of Hours | Total Miles |
| 0 |  |  | 0 |  |
| 1 |  |  | 1 |  |
| 2 |  |  | 2 |  |
| 3 |  |  | 3 |  |
| 4 |  |  | 4 |  |
| 5 |  |  | 5 |  |

Justification: