Name:

Constructed Response – Group 1 – 11/17/14

Find a word problem below. In order to receive full credit for this assignment, **you must not only show your math work, but you must explain in writing how you solved the problem.**

A car travels at an average speed of 49.6 mph for half an hour on an expressway. It then travels at an average speed of 31 mph for 10 minutes on a road before arriving at its destination.

1. Calculate the total distance traveled in miles.
2. Calculate the total time taken in hours.
3. Hence, calculate the average speed of the car for the whole journey.