

Renting a car

Suppose you want to rent a car for one day only and there are only two car rental companies to choose from, Rent-a-rek and Quality-kars. Rent-a-rek charges a daily rate of \$15 plus \$0.30 per mile. Quality-kars charges a daily rate of \$40, the first 200 miles are free, and then every mile over 200 is \$0.50 per mile.

1. Which car is the better deal?
2. Explain in detail your reasoning.