



# REFRESH

Vic is moving, and he needs to hire a moving company. The rates for Manny's Movers and Jiffy Move are shown below.

<p><b><u>Manny's Movers</u></b></p> <p><b>Labor Rate</b> \$100 per hour</p> <p><b>Mileage Rate</b> \$0.75 per mile</p>
--

<p><b><u>Jiffy Move</u></b></p> <p><b>Labor Rate</b> \$125 per hour</p> <p><b>Mileage Rate</b> \$0.30 per mile</p> <p>*****</p> <p><b>10% Discount Off the Total for Moves on Wednesdays</b></p>
--

Vic is moving a distance of 200 miles. It will take the movers a total of 8 hours of labor.

- What amount, in dollars, would Manny's Movers charge Vic for mileage? Show or explain how you got your answer.
- What amount, in dollars, would Manny's Movers charge Vic for both labor and mileage? Show or explain how you got your answer.
- Vic decides to move on a Wednesday. Which moving company would charge him the least amount for his move? Show or explain how you got your answer.