

Name: _____

Jack and Jill's Race

Grade 7 Task

Jack and Jill raced cross-country on motor bikes. Jack drove 325 miles in 5 hours; Jill took $6\frac{1}{2}$ hours to travel the same distance as Jack.

a. Compute the unit rates that describe Jack's average driving speed and Jill's average driving speed. Show how you made your decisions.

b. A portion of the graph of Jack and Jill's race appears below. Identify which line segment belongs to Jack and which belongs to Jill. Explain in words how you decided which line segment belongs to Jack and which belongs to Jill.

