

Today in class we considered this question.

Janet drove from Town A to Town B. She took $\frac{1}{2}$ hour to cover $\frac{1}{4}$ of the trip at an average speed of 70 km/h. How long did she take to cover the remaining trip if her average speed for the whole trip was 80 km/h?

There was some disagreement about the meaning of “How long did she take to cover the remaining trip if her average speed for the whole trip was 80 km/h?”

Some students thought that 80 km/h was the average speed for the entire trip from A to B.

Other students thought that 80 km/h was the average speed for the remaining $\frac{3}{4}$ of trip from A to B.

Your assignment is to state your opinion about this and explain why your believe your opinion is correct.