

Puzzle 11

A bus makes a roundtrip between towns A and B. From A to B, the bus completes the trip with an average speed of $60 \frac{\text{mi}}{\text{hr}}$. From B to A, it travels with an average velocity of $40 \frac{\text{mi}}{\text{hr}}$. What is the average speed of the bus for the entire roundtrip? (Hint: it is NOT the average of 40 and 60.)