

Question:

Marissa is hiking a 12-mile trail. She took 1 hour to walk the first 4 miles then another hour to walk the next two miles. If she wants her average speed to be 4 miles per hour what speed (in miles per hour) does she need to walk the remaining distance?

Reasoning + Answer:

<think> She has walked a total of 6 miles because 4 miles + 2 miles = 6 miles. She has 6 miles left because $12 - 6 = 6$. She has one hour to cover 4 miles because $12 / 3 = 4$. She needs to average 2 miles per hour to walk the rest of the distance because $6 / 3 = 2$. </think> <answer> 2 </answer>