Question:

A fog bank rolls in from the ocean to cover a city. It takes 10 minutes to cover every 3 miles of the city. If the city is 42 miles across from the oceanfront to the opposite inland edge, how many minutes will it take for the fog bank to cover the whole city?

Reasoning + Answer:

<think>For every 3 miles, it takes 10 minutes. Thus, for 42 miles, it takes 42/3 = 14 sets of 10 minutes each. Thus, it takes 14*10 = 140 minutes to cover the whole city.</think>