

Distance

Background:

Katniss volunteered herself as tribute for her sister. She said her final goodbyes to her family and boarded the train:

“The speed initially takes my breath away. Of course, I’ve never been on a train, as travel between districts is forbidden except for officially sanctioned duties. For us, that’s mainly transporting coal. But this is no ordinary coal train. It’s one of the high-speed Capitol models that’s average 250 miles per hour. Our journey to the Capitol will take less than a day.”(P. 41)

Katniss is deeply sadden about leaving her family and possibly dying. She does not want to leave her family and participate in the hunger games. She has a million thoughts running through her mind. What if the train breaks down, could she make a run for it back home? Would she have to walk to the Capitol? If the train travels at 250 miles per hour and the journey takes less than a day, how far is the Capitol from district 12? Using $\text{distance} = \text{rate} * \text{time}$, we will be able to figure how far the Capitol is from district 12.

- 1.) If the journey takes 20 hours, how far is the Capitol?
- 2.) If the journey takes 15 hours, how far is the Capitol?
- 3.) If the journey takes 23 hours, how far is the Capitol?
- 4.) If the journey takes less than a day, estimate how far the Capitol is from District 12.
 - a.) Less than 6000 miles
 - b.) Less than 5800 miles
 - c.) Less than 4500 miles

d.) 5875 miles

5.) If Katniss escaped from the Capitol would it be a short or long journey back to District 12? Explain.

Distance Answer Key

- 1.) 5000 miles
- 2.) 3750 miles
- 3.) 5750 miles
- 4.) B
- 5.) A long journey