



Have you ever thought about the dashes down the center of a road? How long do you think they are? Without using a ruler or checking on line, how would you check your answer?

There are 132 dashes in a mile (5,280 feet), the space between the dashes is 30 feet. Use these facts to determine how long a single dash is.

Did your answer surprise you? Explain to someone how you got your answer. Was their answer the same as yours? Did you use the same method?

Have you ever thought about the dashes down the center of a road? How long do you think they are? Without using a ruler or checking the internet, how would you check your answer?

According to www.psychologicalscience.org, most people believe the dashes down the center of the road to be 2 feet long. Answers may vary for estimation, e.g., walk the dash counting the number of shoe lengths, lay down next to the dash and compare it to your height.

Let's be safe. There are 132 dashes in a mile (5,280 feet), the space between the dashes is 30 feet. Use these facts to determine how long a single dash is. **10 feet!**

Did your answer surprise you? Explain to someone how you got your answer. Was their answer the same as yours?

Did you use the same method?

$$5,280/132 = 40; 40 - 30 = 10 \text{ feet}$$

$$132 * 30 = 3,960; 5,280 - 3,960 = 1,320; 1,320/132 = 10 \text{ feet}$$