

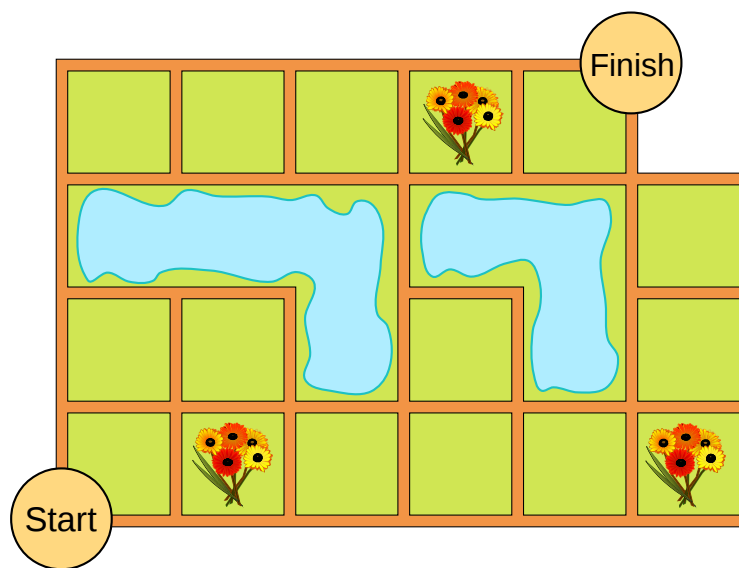


You must turn



A king loves long summer trips in his coach, so he orders his coachman never to go straight and always turn either left or right at each intersection.

Below is a road map of the countryside. Roads are shown as orange vertical or horizontal lines. The distance between each intersection and the next is 1 km. The king wants to start and finish as shown in the map. The coachman, however, wants to get to the finish as quickly as possible without breaking the rule that the coach can never go straight.



QUESTION

What length is the shortest possible trip for the coachman?

- A. 13 km
- B. 14 km
- C. 15 km
- D. It is not possible to get to the finish without breaking the rule.

