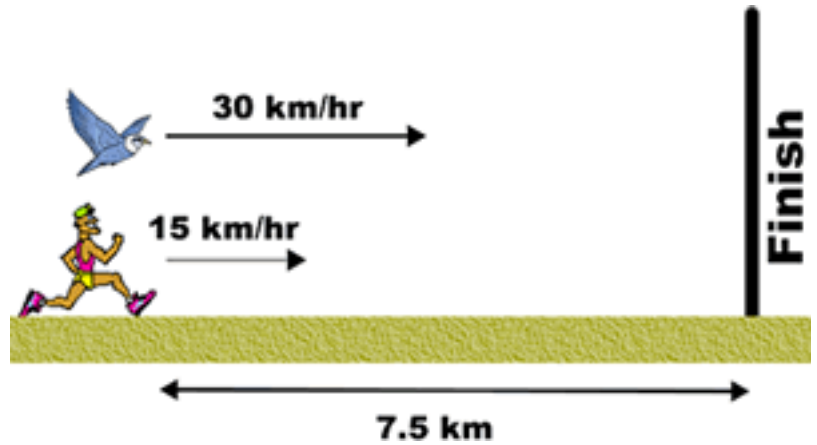


A marathon runner runs at a steady 15 km/hr. When the runner is 7.5 km from the finish, a bird begins flying from the runner to the finish at 30 km/hr. When the bird reaches the finish line, it turns around and flies back to the runner, and then turns around again, repeating the back-and-forth trips until the runner reaches the finish line. How many kilometers does the bird travel?

**Note:** if you are finding yourself doing complicated mathematical analysis you need to stop and re-think how to solve this problem.



1. 10
2. 15
3. 20
4. 30
5. I have no idea