

Challenge Problem #39

Challenge problems are worth 30 points each. 6 points will be earned for the correct answer. This includes using **appropriate units**. 12 points will be earned by **showing the mathematical process** used in getting the answer. **A diagram is required for this problem**. The last 12 points will be earned by **writing a complete explanation** of the reasoning used to solve the problem. Good luck.

Bill went for a walk. He walked due east for 4 minutes. Then he walked due south for 3 minutes. Finally, he walked **directly** back to his starting point. If his average speed for the walk was 3 feet per second, then how far did he walk?