

Challenge Problem #36

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.

Sue left her house at 8:30 AM and drove to her grandmother's house for a visit. If it is 75 miles from Sue's house to her grandmother's house, and Sue averaged 36 miles per hour, then how far was she from her grandmother's house at 9:20 AM?