

Challenge Problem #33

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.

A small rectangular plot of land is 60 yards long and 45 yards wide. Sheep fencing cost \$1.50 per foot. How much fencing is needed to go around the plot and what will it cost?