

“Farmer John’s Fence”

by

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Strand: Measurement and Geometry

Level: Intermediate, grades 4-5/ Benchmark II

Core Math: Showing relationship between perimeter and area

Implementation following basic instruction in perimeter and area skills.

Class will work in groups of 3-4 students, as determined by teacher.

Task/Problem:

Farmer John wants to make a new garden. He has 100 feet of fencing and wants to enclose the largest space possible. Based on this, what dimensions should he choose for his new garden? Create a picture or diagram that represents your answer and illustrates your process for deciding this.

When group has completed task, the teacher will select one group member to explain the answer and the group’s solution strategy.