

The Garden Problem



Name _____

Date _____

The garden club is designing a rectangular butterfly garden for their school yard. The garden will be fenced to protect the flowers from being stepped on by children playing.

1. What might be the length of the garden fence if the area of the garden is 12 square yards?
2. If the members of the garden club want to spend the least amount of money possible on fencing, what length of fencing should they purchase for a garden area of 20 square yards?
3. How would you go about determining the shortest fencing length for any rectangular garden area?

Solve using pictures, words, tables, graphs, and/or symbols.