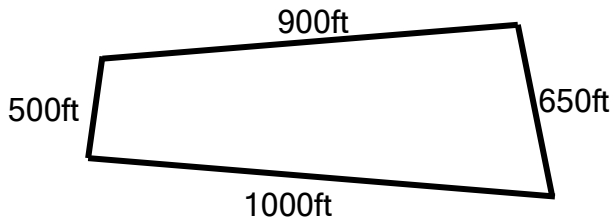


Our Family's Tree Farm: Perimeter vs Area Worksheet

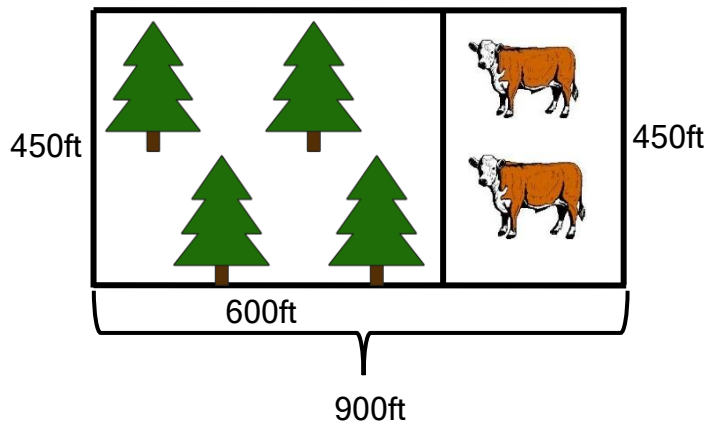
Name: _____

Become a tree farmer! Answer the following questions to see how tree farmers use math.

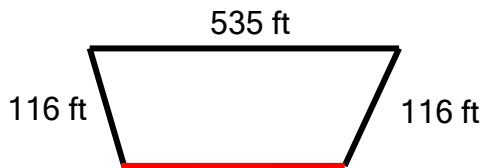
1. The Wilsons need a new fence around their tree farm. How much fencing do they need?



2. The Johnsons decided to separate their cattle from their tree farm. The whole farm is 900 feet long and 450 feet wide. The tree farm is 600 feet long and 450 feet wide. How much fencing do they need to surround just the cattle?



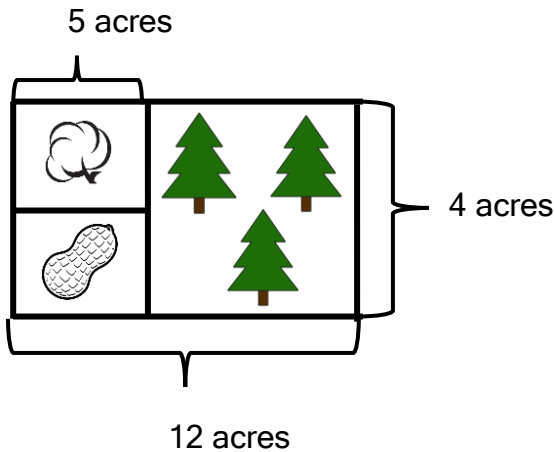
3. The Holbrook's farm needs a fence along a road. If the total perimeter is 978 feet, how much fencing is needed to block the road (red line)?



Our Family's Tree Farm: Perimeter vs Area Worksheet

4. The Smith's farm is 9 acres long and 8 acres wide. What is the total area of the farm? Draw an array to solve the problem.

5. The Garcias plan to grow trees, peanuts, and cotton on their farm. Use the diagram below to help determine how many acres the tree farm will be.



Putting it to use! Once tree farmers find the area (usually in acres), they use that information to help determine the needs of the farm.

How many seedlings can the Garcias plant if they plan for 100 seedlings per acre? Use the answer from #5 to solve!