

Project name : Farmer John (Bubbles)

Observations and doodles, and solution!

Farmer John can plow a square field, with side length of 100yds, in 40 minutes. Assume for the below that he keeps the same pace throughout his work, with no regard to the weather, shape of the field, or the time of day.

How much time will it take farmer John to plow the following fields:

1. Square field with side length of 150yds ?

2. Rectangular field with a width of 150yds and length of 200yds?

3. Circular field with a radius of 50yds?