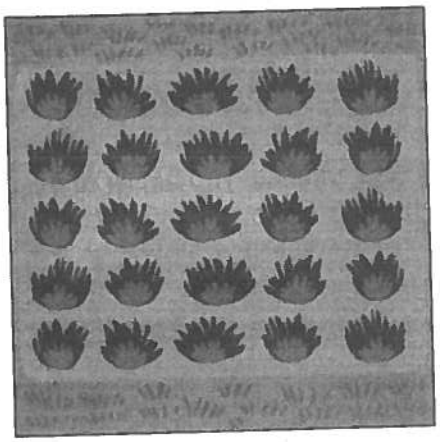
8th

Pull It All Together

TASK 1

You want to fence in a square region with twice the area of the square garden shown. To the nearest foot, how much fencing will you need?



TASK 2

You and some of your classmates agree to evenly split the cost of buying food for a party. The cost per person comes to $\$1.\overline{63}$. What is the least amount the group could be spending on food? What is the fewest number of people that could be sharing the cost?

Is your answer to the previous question the only way that the cost per person could come to $\$1.\overline{63}$? Is there any other total cost and number of people that would make the cost per person equal to $\$1.\overline{63}$? Explain.