

Spring Flowers

6th – 8th Grade: Most gardeners begin working on the flower beds in early spring to ensure a beautiful garden all summer. Image 1 shows the plot for a new flower garden.

Image 1: New Flower Garden



Key: Each unit represents 1 foot.

1. Maria is responsible for building the boarder our of bricks. Each brick is 6” long and cost \$5.50. What is the cost to build the boarder for the flower garden? Justify your answer.

2. John is responsible for filling the garden with new soil. The soil needs to be 2 feet deep. One bag of garden soil covers 1.5 cubic feet. John claims that he needs to purchase 4 bags of soil. Do you agree with John’s claim? Justify your decision.

3. A sprinkler is placed at (9, 5). The sprinkler rotates 360 degrees to form a circle and sprays water 6 feet (a circle with radius of 6 ft). Does the sprinkler completely cover the garden? Justify your answer.
