

P-03: Mulch Problem (<https://www.richstowell.com/stem-outreach/word-problems/>)

You have just started your own company, Prairie Sage Landscaping LLC. Your first client has asked you to mulch several flower beds. Rounding off to the nearest foot, you jotted down these measurements: the rectangular bed in front of the house is 68 feet by 6 feet; the island in the circular driveway has a diameter of 33 feet; and the bed at the driveway entrance resembles a right triangle that has sides of 15, 26, and 32 feet. How many bags of mulch should you order?

Resource: see the Triangle Calculator at <https://www.calculator.net/triangle-calculator.html>

Solution Package Requirements:

1. Draw it – show the problem as a picture, diagram, or sketch
2. Rewrite it – extract the critical information from the word problem
3. Solve it – show an organized approach to the solution