

1. In 2009 the Mets opened a new stadium called Citi Field. The outside of Citi Field looks like the Old Ebbet's Field that the Brooklyn Dodgers used to play in, and the inside looks like the other new stadiums that are being built all over the country. Since they built a completely new facility Mr. Powder, the biggest Met fan you know, bought an Old circular Met symbol that was on Shea Stadium (not true). The symbol has a diameter of 25 feet. The problem is that Mr. Powder's backyard gate is about the size of a wall (again not true), and it has a horizontal bar across the top of the gate's opening for stability. The gate's dimensions are 10 feet by 24 feet. Will Mr. Powder be able to get this Met Symbol into his backyard with out disassembling the gate?

**PART A**

Solve the word problem above and remember to *Show your work*.

**PART B**

On the lines below, answer the following question: Will Mr. Powder be able to get this Met Symbol into his backyard with out disassembling the gate? Why or why not?

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