Lesson 22: Problems About Perimeter and Area

Cool Down: Paper for a Banner

Han has a rectangular piece of paper that is 96 inches by 36 inches. He is using it to create a banner for Awards Day. Last year the banner measured 2,304 square inches.

1. Will the new banner fit in the same area that the old banner was? Show your reasoning.

2. What is the difference in square inches between the area of last year's banner and this year's banner?