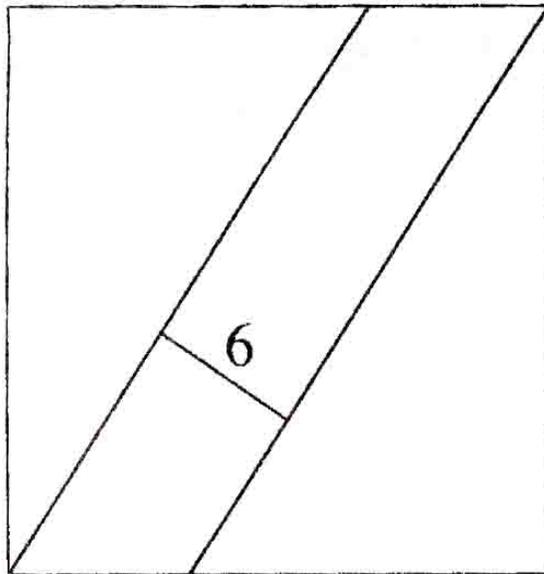


Problem of the Week-7: A Trisected Square

A square is divided into three pieces of equal area by two parallel cuts, as shown. The distance between the parallel lines is 6 cm. What is the area of the square? As always, show your work and explain your answer.



Posting Date 11/21/08. Submit solutions to Noah Aydin, Mathematics Department, RBH 319 (e-mail or hard-copy, but hard copy submissions must include a time stamp) by 4 pm on 12/5/08.