

Circle One: Cadet Faculty Student (non USMA) Faculty (non USMA) Other

Last Name (Please Print):

Problem 8

A is a regular pentagon with the vertices, a, b, c, d, e. B is the star,  in the pentagon, formed by connecting the above vertices. Which one of the statements below is true? Mathematically/logically prove your choice.

- (a) The area of A is more than twice the area of B
- (b) The area of A is less than twice the area of B

Submission Instructions

Submit to : [MAJ Jong H. Chung](#)

How : As an attachment to an
email(please make sure your
name is in the attachment!)

With the subject line : WP POTW

Failure to follow these directions may result in your submission not
making into the pile in the right order!