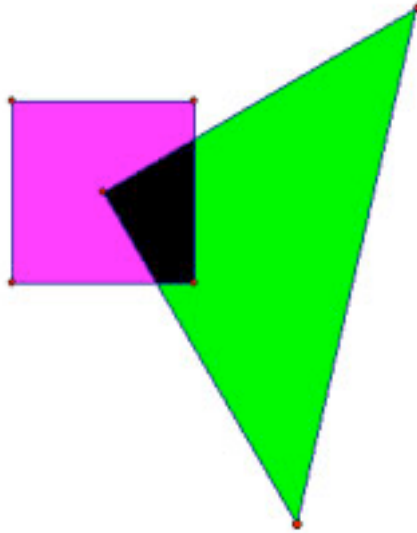


Problem #21 – Shaded Overlap



A square whose sides are each 10 cm and a right triangle with sides of 20, 21, and 29 cm overlap so that the vertex of the right angle of the triangle is at the center of the square. What is the area of the overlap?

Due date: Friday, April 20th, 2012

Submit to Mr. Streit in person or email your solution. Please place the POW number and your name in the subject line of your email. If you submit it early you can get feedback and re-submit if it is incorrect.

christian.streit@aas.ru

All work must be shown to explain your solution.