



Current Geometry PoW

The Math Forum's PoWs provide non-routine constructed response problems. The Geometry problems target concepts typically learned in a high school geometry class. Memberships and mentoring options are available at the individual, class, school, and district levels.

The Perimeter of an Octagon - posted March 24, 2008

Given the regular octagon to the right, answer the following questions:

1. What's wrong with this picture?
2. If you fix what's wrong, what's the perimeter of the octagon?

Extra: Assume that the thing you found to be wrong is actually right. What else could you change to make things right? What's the resulting perimeter of the octagon?

