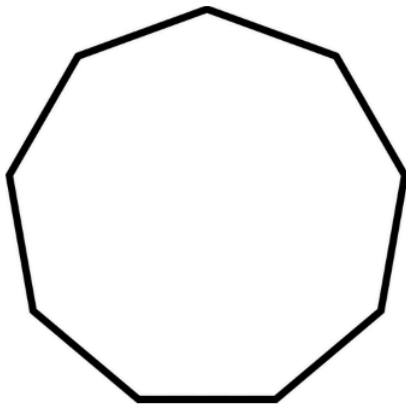


For those of you who want more practice, I created some problems for you to try. Make sure that you are masters at finding the area of regular polygons because we are going to utilize this concept for the rest of the chapter. Have fun :)

Area of Nonagon

Friday, February 14, 2014 1:41 PM

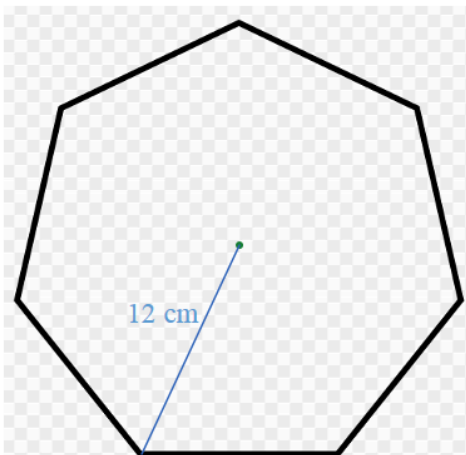


Find the area of the regular nonagon, given that one of its side is equal to 86 cm.

Answer: 45720.77174 cm squared.

Area of Heptagon

Friday, February 14, 2014 1:41 PM



Find the area of the regular heptagon.

Answer: 394.0434 cm squared.

Find the area of a 1000 sided regular polygon, given that its apothem is 1 cm.

Answer: 3.1416 cm squared.

Find the area of a 10,000,000 sided regular polygon with an apothem of 1 cm.

Answer: 3.141592654 cm squared.