Name:	Class:	Date:

Lesson 8.4 Area of Regular Polygons

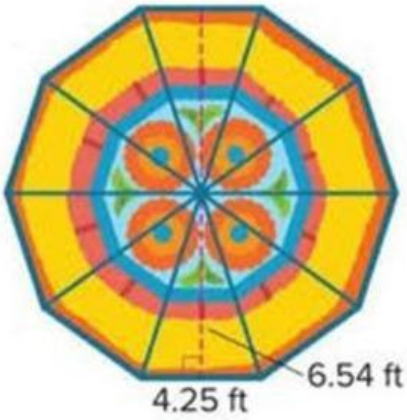
1. Kendra knitted the coaster shown as a present for her grandmother. The coaster is shaped like a regular hexagon. Each side of the hexagon is 3.5 inches. Find the area of the coaster. Round to the nearest hundredth. (Example 1)

A=



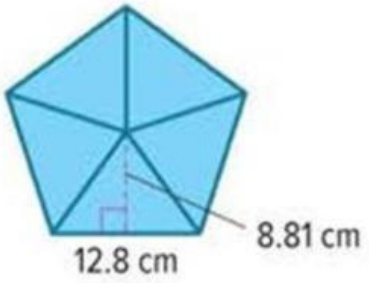
2. Paul bought a new rug in the shape of a regular decagon. Each side of the decagon is 4.25 feet. Find the area of the rug. Round to the nearest hundredth. (Example 1)

A=



3. Open Response A regular pentagon is shown. What is the area of the pentagon?

A=



LIVEWORKSHEETS