

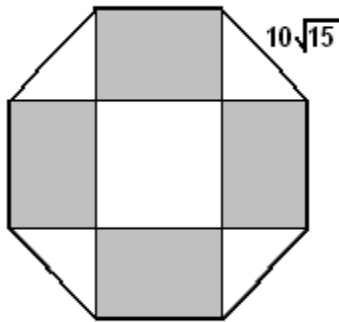
**CP Geometry**  
**Geometric Probability**

Name: \_\_\_\_\_

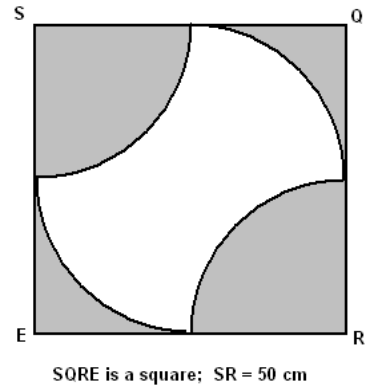
In each problem, find the probability a randomly thrown dart that hits the figure lands in the shaded region.  
 (Rounded answers are fine.)

**Probability of Landing Shaded =**

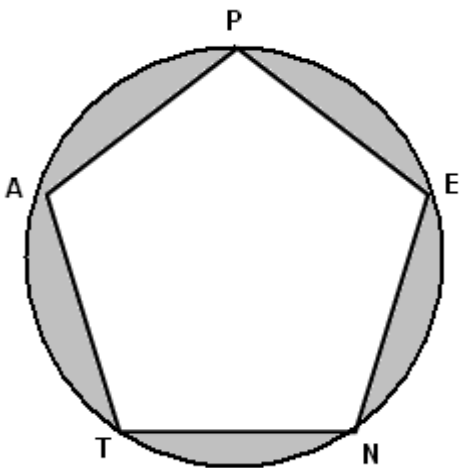
1.) Involving a regular octagon



2.)

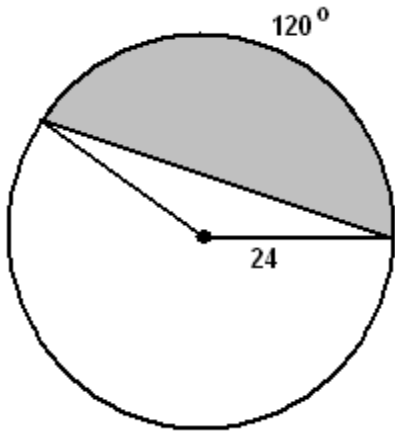


3.)

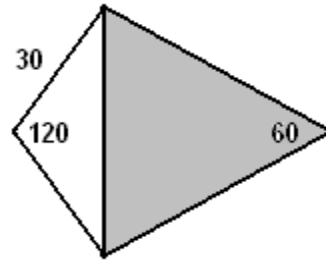


**PENTA is a regular pentagon**  
**Area of Circumscribed Circle = 480**

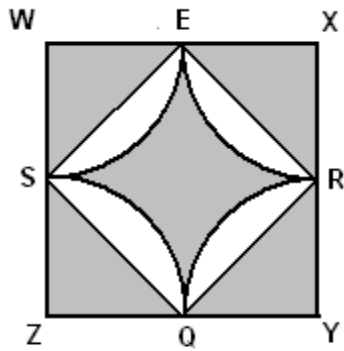
4.)



5.) The kite below.



6.)



WXYZ is a square  
SQRE is a square with  
area of 125