

Advanced Geometry
Geometric Probability

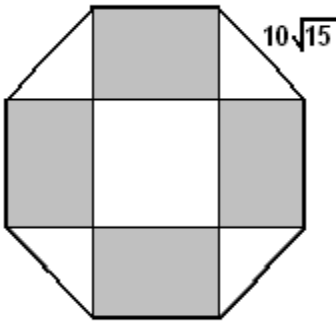
Name: _____

In these problems, we are considering a problem of the extent:

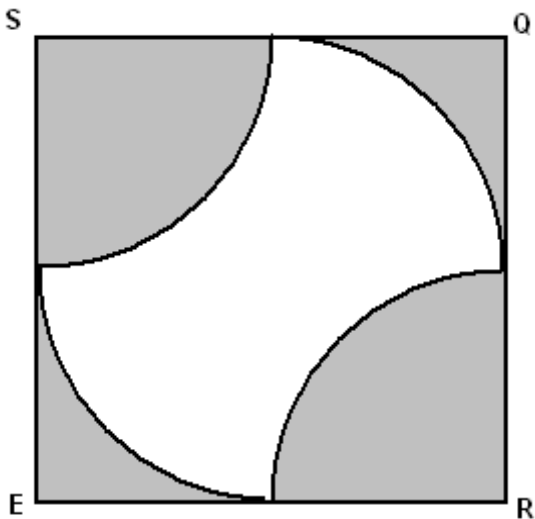
“Find the probability that a point selected from somewhere in the figure lands in a shaded region.”

Probability Shaded = _____

1.) Involving a regular octagon.

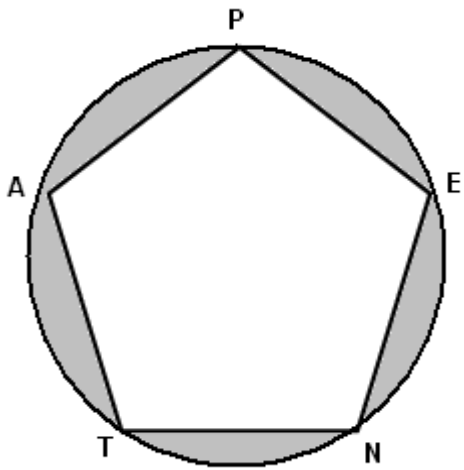


2.)



$SQRE$ is a square; $SR = 50$ cm

3.)



PENTA is a regular pentagon
Area of Circumscribed Circle = 480

4.)

