



Find the indicated measure.

13	Samantha wants to make a shade for a square window in her house. She measured the bottom side of the window and found it had length 30 cm. How much fabric should Samantha buy?
14. P = A =	Bethany is contracting a hexagonal hot tub for her backyard. She wants the diameter to be 6 ft. What is the area and perimeter of the hot tub after it is made?
15. P = A =	Mark and Sarah want to build a gazebo for their backyard. If they build an octagonal gazebo with each side 5 meters long, what is the measure of the area and perimeter of the base of the gazebo?

PART 2: Geometric Probability Solve each problem as indicated.





PART 4: Area Under a Curve

For the given interval, determine the total area and net area between the graph of the given function and the x-axis.



