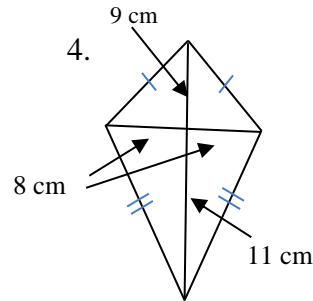
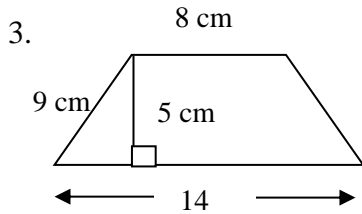
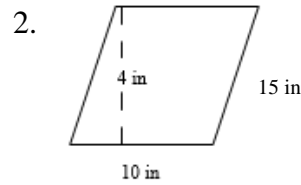
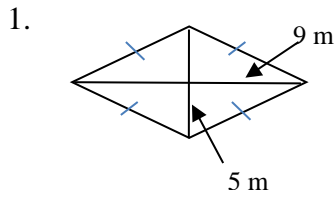
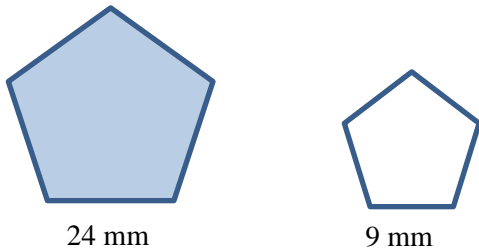


(3pts) Find the area of each of the following polygons. Label your answers



5. (4pts) Corresponding lengths in similar figures are given. Find the ratios (shaded to unshaded) of the perimeters and areas.



Perimeter Ratio= \_\_\_\_\_

Area Ratio = \_\_\_\_\_

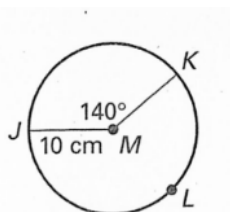
6. (3pts) Find the circumference of each circle below. Give both the exact and approximate answers. **Round to the nearest hundredth.**



Exact= \_\_\_\_\_

Approximate = \_\_\_\_\_

Use  $\odot M$  to find the indicated measures. Round answer to the nearest hundredth.



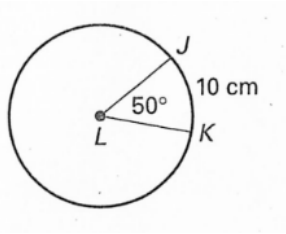
7.  $m\widehat{JK}$

8. Find the length of  $\widehat{JK}$ .

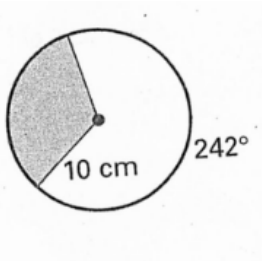
9.  $m\widehat{JLK}$

10. Find the length of  $\widehat{JLK}$ .

11. Find the Circumference of  $\odot L$ . Round answer to the nearest hundredth.

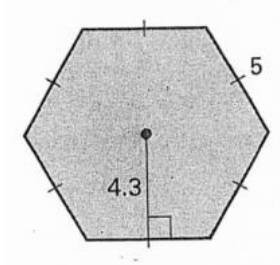


12. Find the area of the shaded region. Round answer to the nearest hundredth.

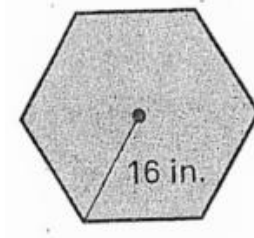


Find the area of the regular polygons. Round answers to the nearest hundredth.

13.

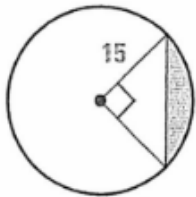


14.



Find the probability that a randomly chosen point in the figure lies in the shaded region.

15.



16.

