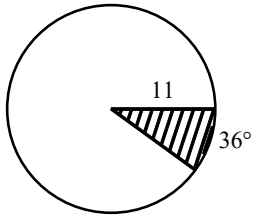
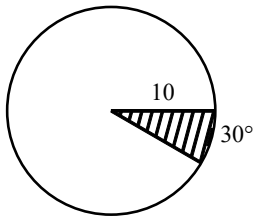


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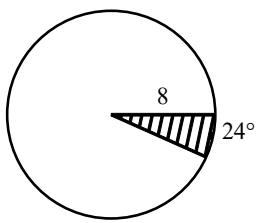
1. Find the area of the shaded region.



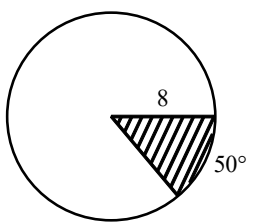
2. Find the area of the shaded region.



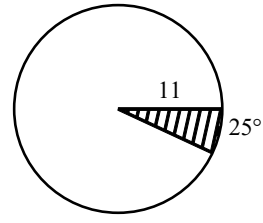
3. Find the area of the shaded region.



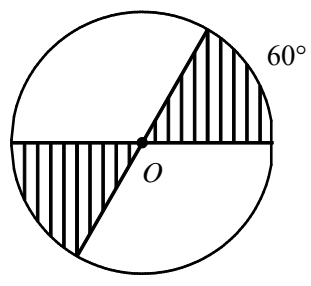
4. Find the area of the shaded region.



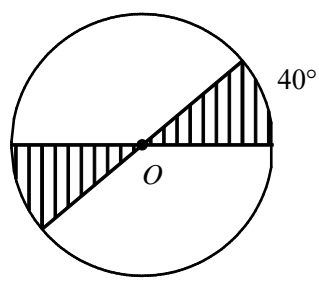
5. Find the area of the shaded region.



6. In the circle,  $O$  is the center. The radius of the circle is 7 meters. Find the area of the shaded sectors.

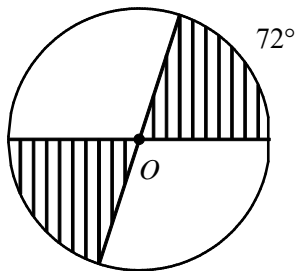


7. In the circle,  $O$  is the center. The radius of the circle is 6 feet. Find the area of the shaded sectors.

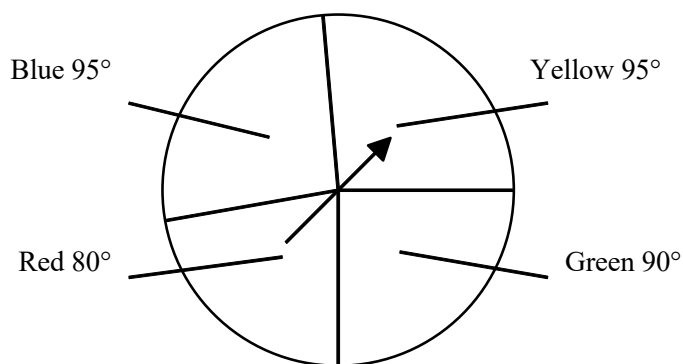


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8. In the circle,  $O$  is the center. The radius of the circle is 7 centimeters. Find the area of the shaded sectors.



9. What is the probability that the next spin on the game spinner will be blue? Round your answer to the nearest hundredth.



10. Write a formula to find the area of a sector of a circle. Define each variable.

[1]  $\frac{121\pi}{10} \approx 38.01$   
\_\_\_\_\_

[2]  $\frac{25\pi}{3} \approx 26.18$   
\_\_\_\_\_

[3]  $\frac{64\pi}{15} \approx 13.4$   
\_\_\_\_\_

[4]  $\frac{80\pi}{9} \approx 27.93$   
\_\_\_\_\_

[5]  $\frac{605\pi}{72} \approx 26.4$   
\_\_\_\_\_

[6]  $\frac{49}{3}\pi \text{ m}^2$   
\_\_\_\_\_

[7]  $8\pi \text{ ft}^2$   
\_\_\_\_\_

[8]  $\frac{98}{5}\pi \text{ cm}^2$   
\_\_\_\_\_

[9] 0.26  
\_\_\_\_\_

[10] \_\_\_\_\_