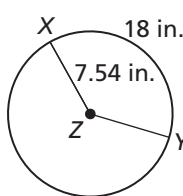
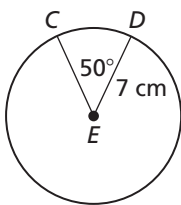
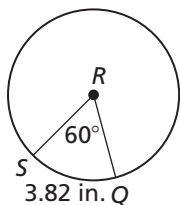


Geometry Quiz #11 Review

Find the indicated measure.

1. circumference of $\odot R$ 2. arc length of \widehat{CD} 3. $m\widehat{XY}$



Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

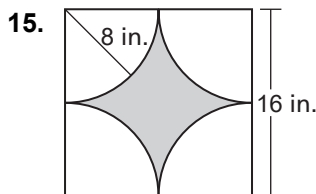
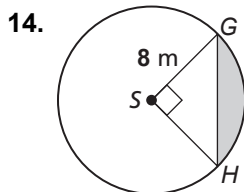
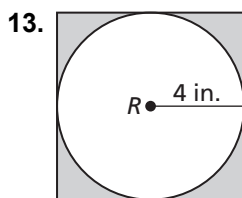
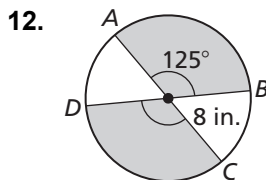
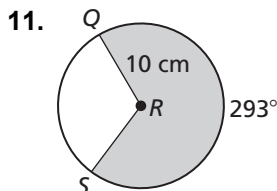
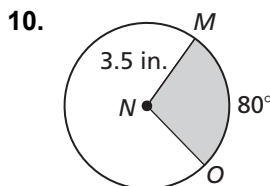
Convert from degrees to radians.

4. 60° 5. 340° 6. -180°

Convert from radians to degrees.

7. $\frac{23\pi}{12}$ 8. $\frac{10\pi}{6}$ 9. $\frac{13\pi}{12}$

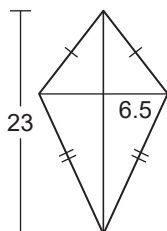
Find the area of the shaded region.



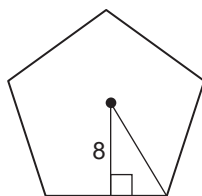
16. Your friend is planting a circular garden full of different color pansies. Your friend plans to plant five different colors of equal amounts. The garden has a radius of 15 feet. How many square feet of space will each color cover?

Find the area of the polygon.

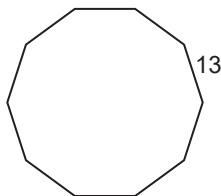
17. kite



18. regular pentagon



19. regular decagon



20. Draw a regular octagon. Then draw and label the center, a radius, and an apothem. If the length of the radius is nine centimeters, what is the area of the octagon?