

Circles Review Answers

1. $A = 25\pi$ or 78.54 cm^2 . $P = 10\pi$ or 31.42 cm
2. $x = 39^\circ$
3. $x = 150^\circ$
4. $x = 89^\circ$
5. $A = 1316.65 \text{ ft}^2$.
6. Arc LK = 27.65 cm
7. $x = y = 60^\circ$
8. QS = 27
9. $y = 30$
10. $v = 100^\circ$, $w = 110^\circ$, $x = 110^\circ$, $y = 50^\circ$, $z = 80^\circ$
11. JK = 11.48
12. BC = 41° , BED = 270°
13. $a = 14$
14. $m\angle LJM = 10.5^\circ$
15. $m\angle T = 68^\circ$, $m\angle U = 95^\circ$, $m\angle V = 112^\circ$, $m\angle W = 85^\circ$
16. $A = 80.42 \text{ in}^2$
17. $A = 175.93 \text{ cm}^2$
18. $x = 140^\circ$
19. $m\angle AB = 49^\circ$, $m\angle ABC = 253^\circ$, $m\angle BAC = 156^\circ$, $m\angle ACB = 311^\circ$
20. IK = 47