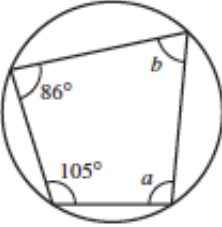


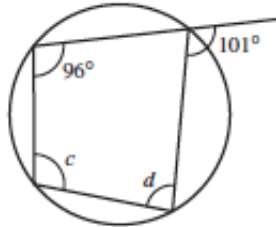
SATPREP
Assignment : Circle Theorem

Find the angles marked with a letter.

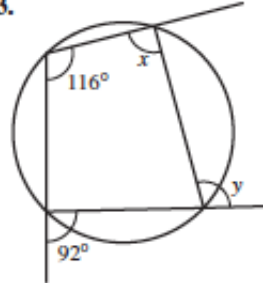
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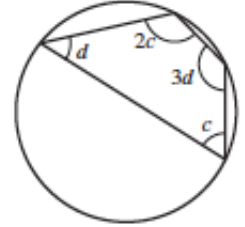
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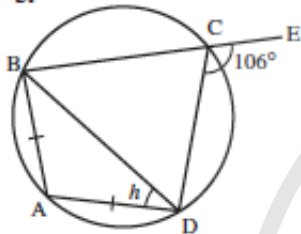
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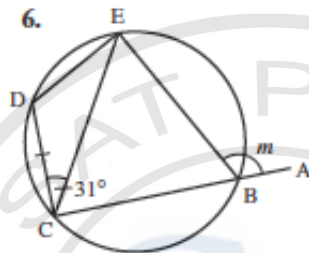
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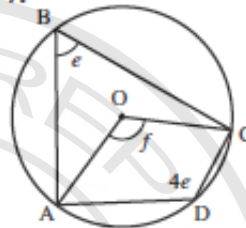
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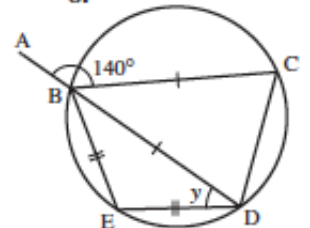
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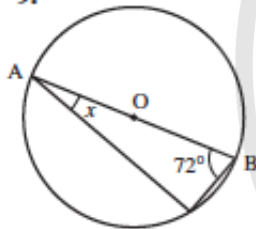
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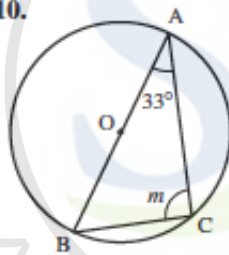
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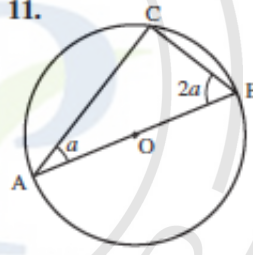
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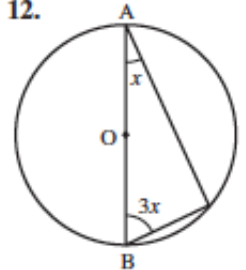
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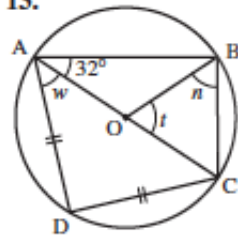
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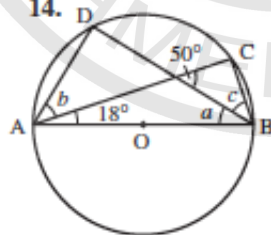
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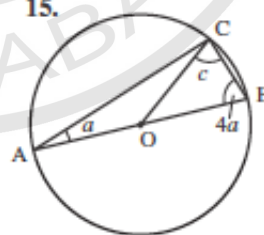
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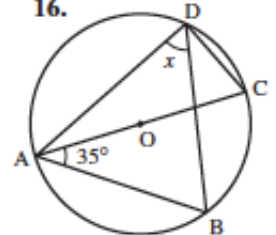
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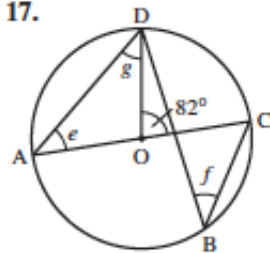
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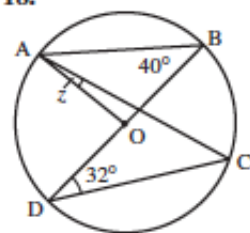
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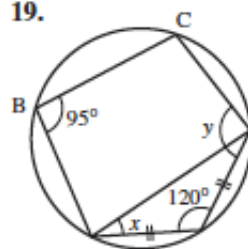
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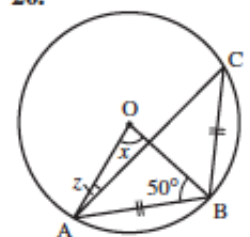
18.



19.



20.



Answer

- | | | |
|--|--|----------------------------------|
| 1. $a = 94^\circ, b = 75^\circ$ | 2. $c = 101^\circ, d = 84^\circ$ | 3. $x = 92^\circ, y = 116^\circ$ |
| 4. $c = 60^\circ, d = 45^\circ$ | 5. 37° | 6. 118° |
| 7. $e = 36^\circ, f = 72^\circ$ | 8. 35° | 9. 18° |
| 10. 90° | 11. 30° | 12. $22\frac{1}{2}^\circ$ |
| 13. $n = 58^\circ, t = 64^\circ, w = 45^\circ$ | 14. $a = 32^\circ, b = 40^\circ, c = 40^\circ$ | 15. $a = 18^\circ, c = 72^\circ$ |
| 16. 55° | 17. $e = 41^\circ, f = 41^\circ, g = 41^\circ$ | 18. 8° |
| 19. $x = 30^\circ, y = 115^\circ$ | 20. $x = 80^\circ, z = 10^\circ$ | |

