

Circle Theorems

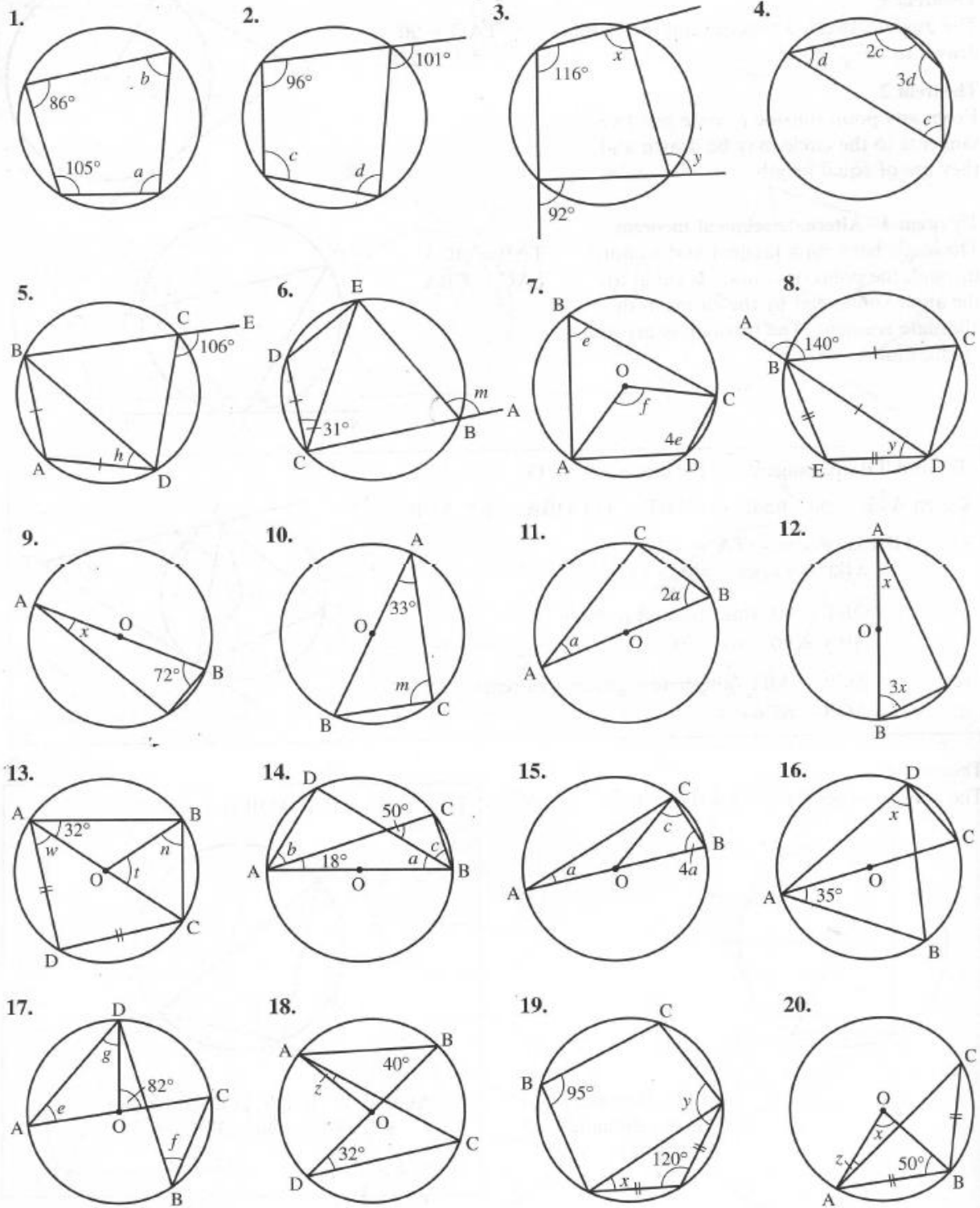
For all the questions on this worksheet, if a point is labelled as O, consider it as the centre of the circle.

For all the questions, calculate the angles marked by letters.

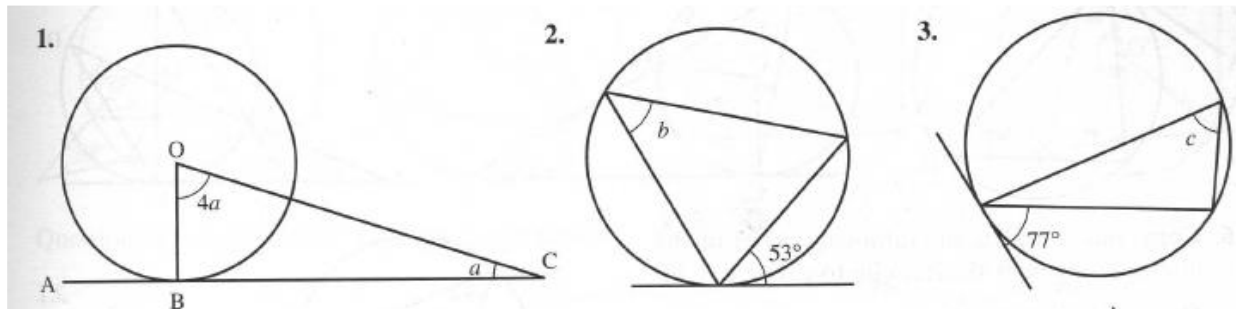
Exercise A

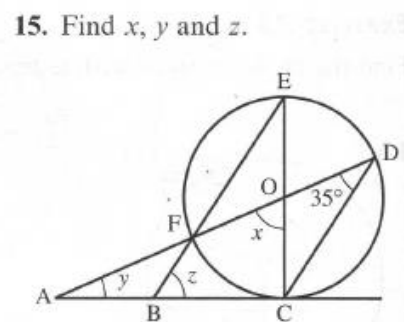
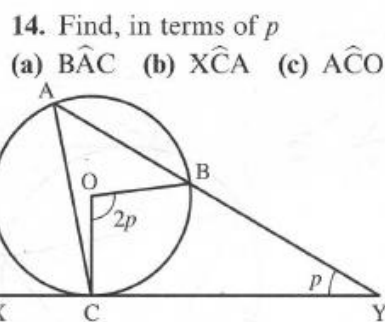
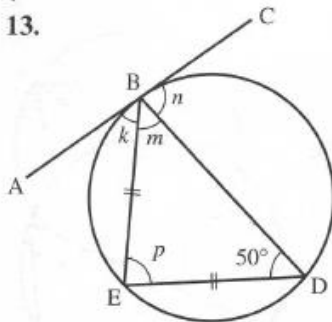
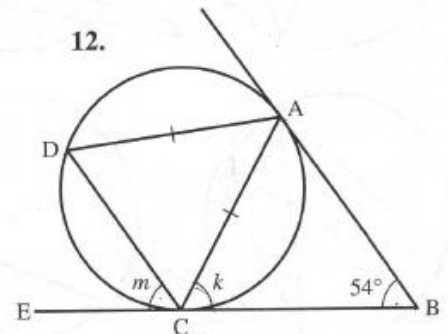
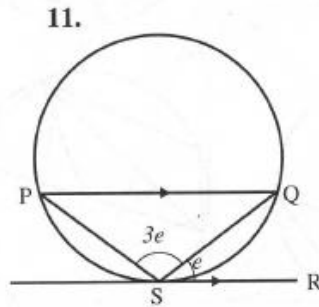
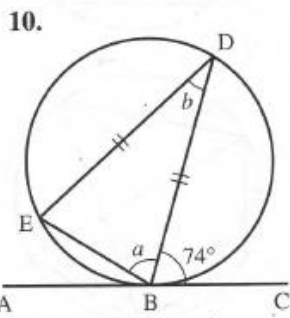
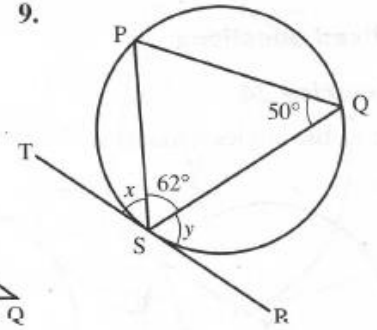
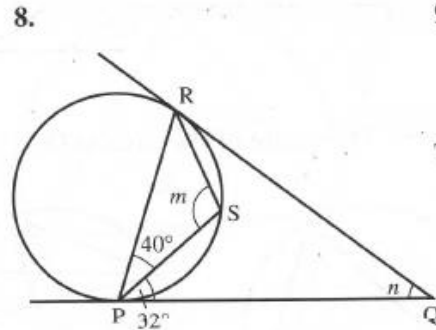
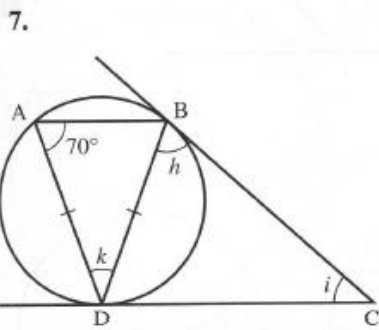
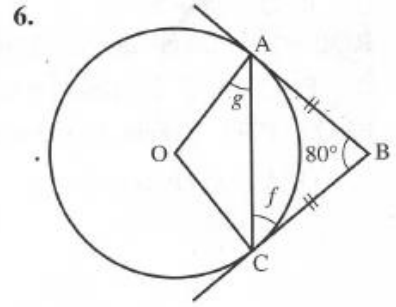
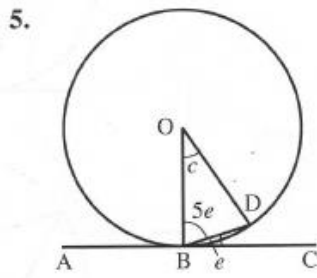
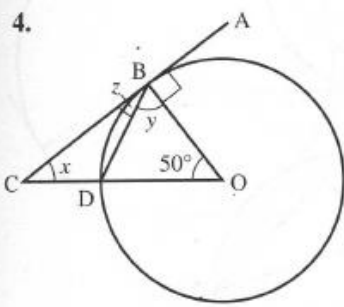
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16.

Exercise B

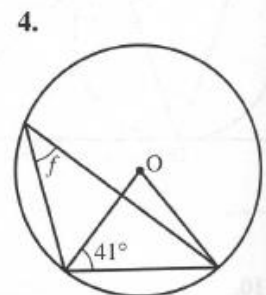
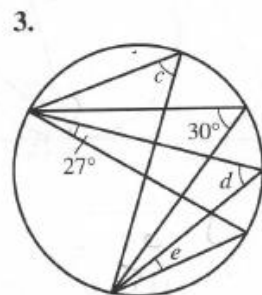
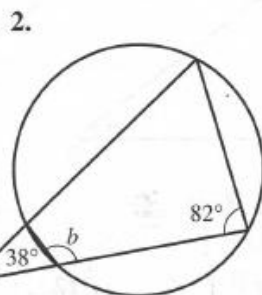
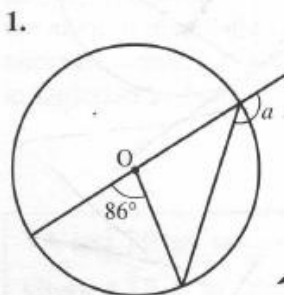


Exercise C

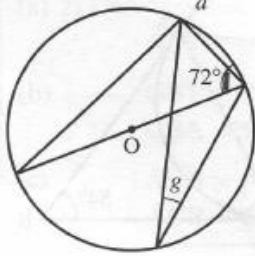




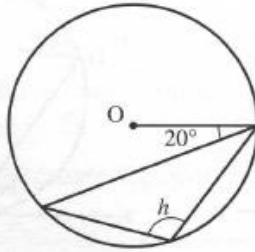
Exercise D



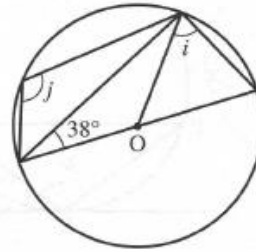
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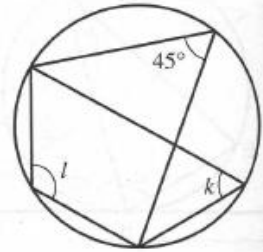
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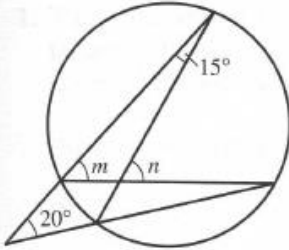
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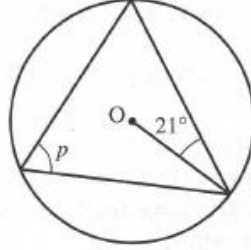
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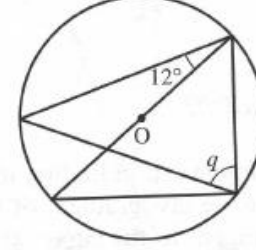
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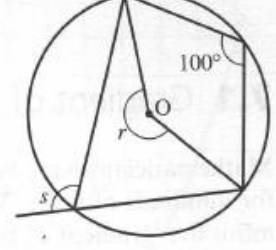
10.



11.

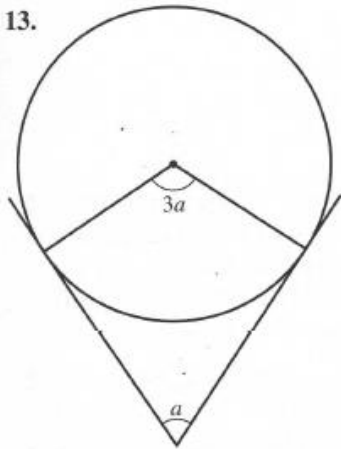


12.

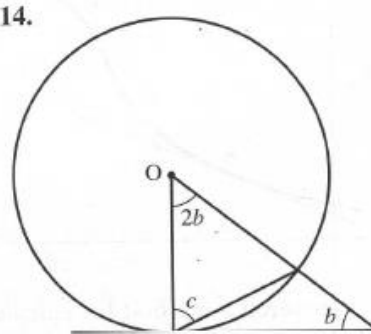


Questions 13 to 24 involve tangents to the circles.

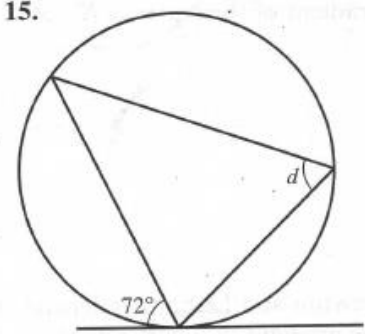
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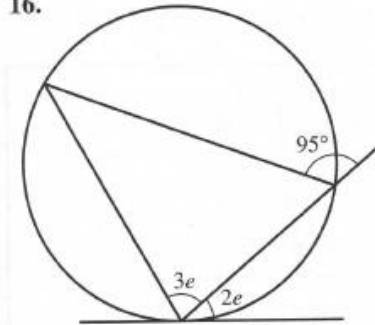
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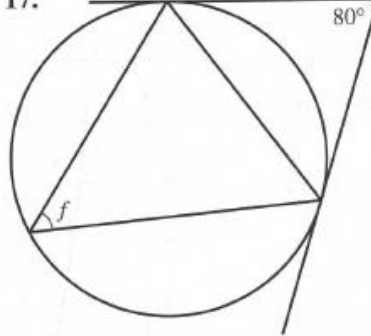
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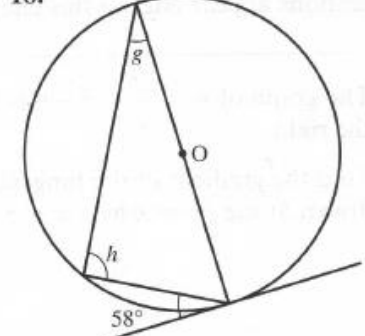
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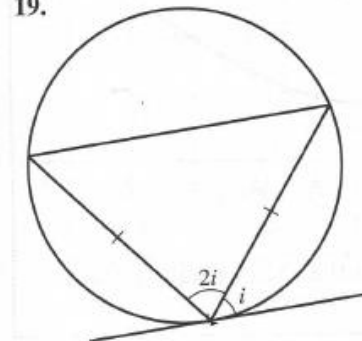
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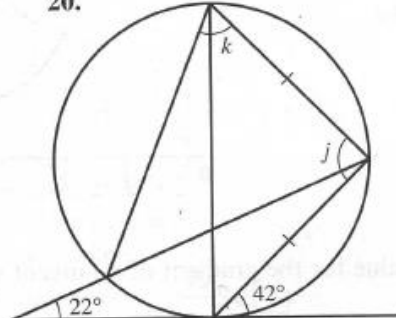
18.



19.



20.



21.

