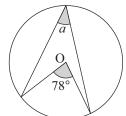
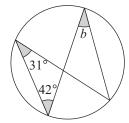
Find the angles marked with letters. (O is the centre of each circle.)

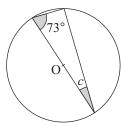
1.



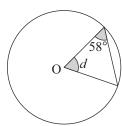
2.



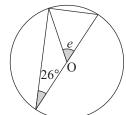
3.



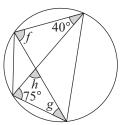
4.



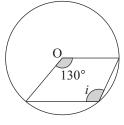
5.



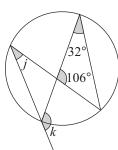
6.



7.



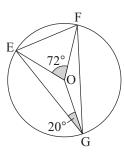
8.



9. In this question, write down *all the reasons* for your answers.

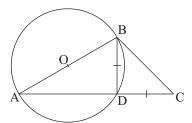
Find

- a angle OEG
- **b** angle OGF
- c angle OFG
- d angle FEO
- e angle EFG

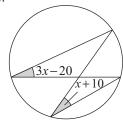


10. Find angle BCD.

Write down the reasons for your answer.



11. Find *x*.



12. Find *y*.

