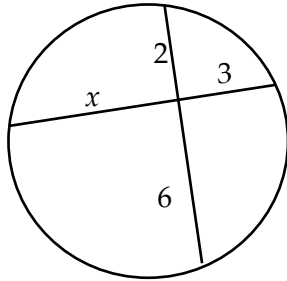


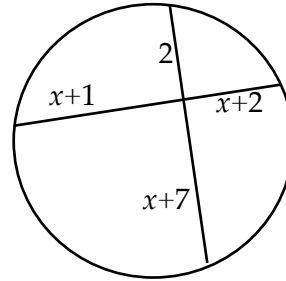
Intersecting Chord Theorem

1. Find the value of x in the diagram below.



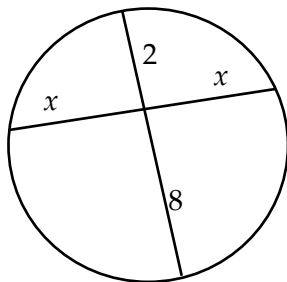
$x = 4$ (only)

4. Find the value of x in the diagram below.



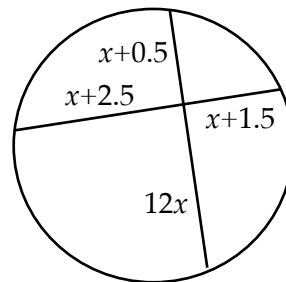
$x = 3$ (only)

2. Find the value of x in the diagram below.



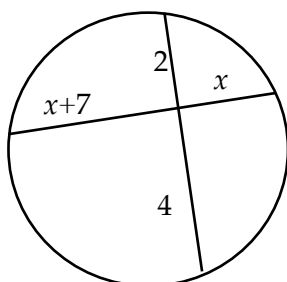
$x = 4$ (only)

5. Find the value of x in the diagram below
(HARD FACTORISATION! ELIMINATE FRACTIONS. BEST OF LUCK.).



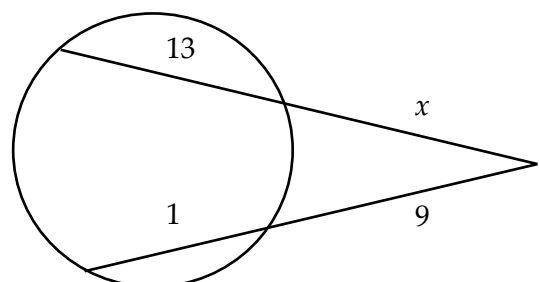
$x = \frac{1}{2}$ (only)

3. Find the value of x in the diagram below.



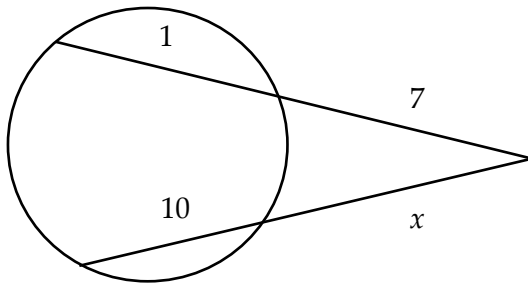
$x = 1$ (only)

6. Find the value of x in the diagram below.



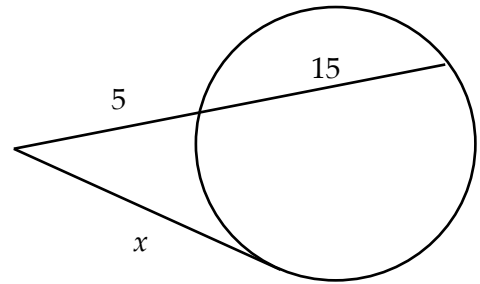
$x = 5$ (only)

7. Find the value of x in the diagram below.



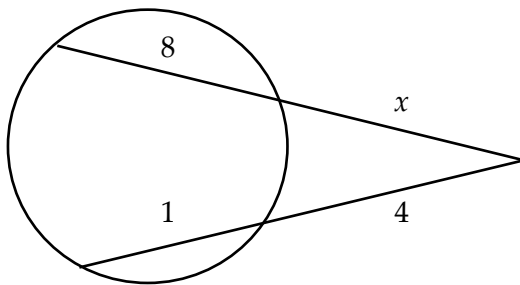
$x = 4$ (only)

10. Find the value of x in the diagram below.



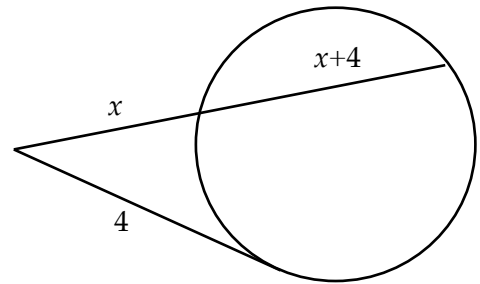
$x = 10$ (only)

8. Find the value of x in the diagram below.



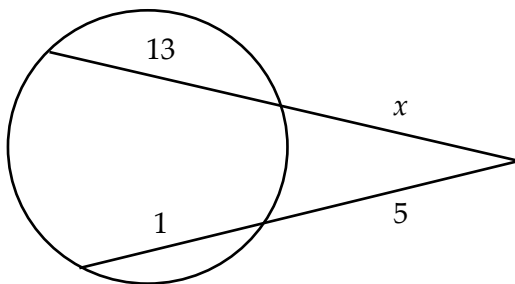
$x = 2$ (only)

11. Find the value of x in the diagram below.



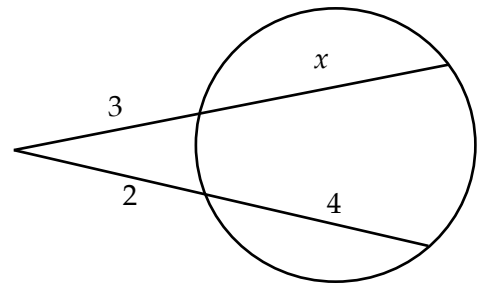
$x = 2$ (only)

9. Find the value of x in the diagram below.



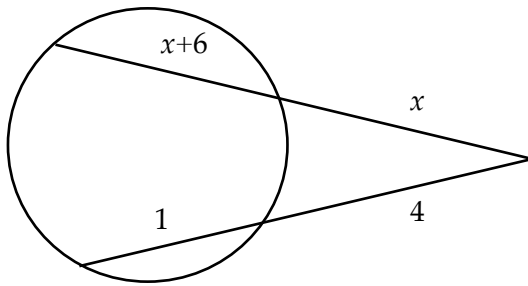
$x = 2$ (only)

12. Find the value of x in the diagram below.



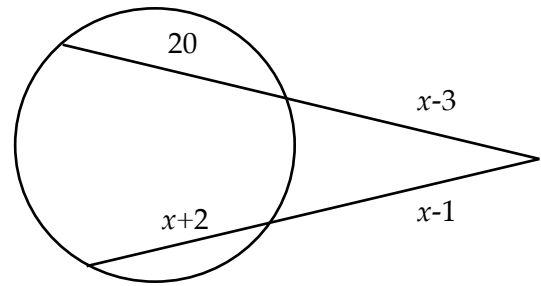
$x = 1$ (only)

13. Find the value of x in the diagram below.



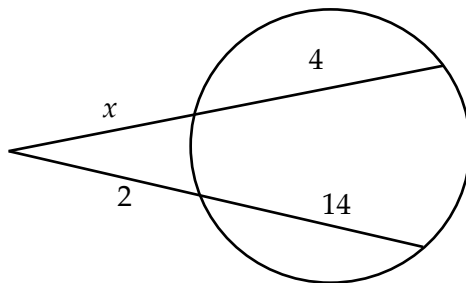
$x = 2$ (only)

16. Find the value of x in the diagram below.



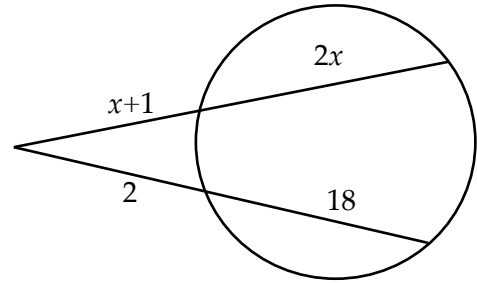
$x = 5$ or $x = 10$

14. Find the value of x in the diagram below.



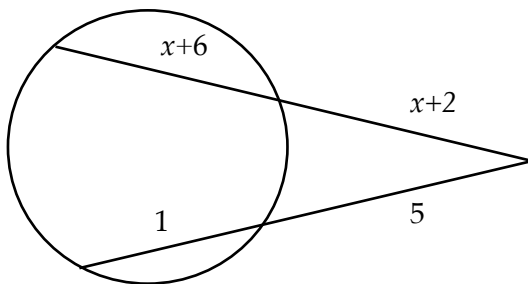
$x = 4$ (only)

17. Find the value of x in the diagram below.



$x = 3$ (only)

15. Find the value of x in the diagram below.



$x = 1$ (only)

18. The chords AB and CD of a circle meet at X inside the circle. $XA = 3$, $AB = 7$, $XC = 2$. Find CD .