Secants, chords and tangents are shown. For questions 1 - 6, refer to the figure below and find the indicated value.

1. If $CE = 3$, $DE = 6$, and $AE = 2$, find BE.

2. If $AE = 3$, $BE = 5$, and $DE = 2$, find CE.

3. If $AE = 3$, $BE = 6 \frac{1}{3}$, and $CE = 4$, find DE.

4. $AE = 12$, $BE = 18$, and $DE = 9$, find CE.

5. If $AE = 3.4$, $BE = 5.2$, and $CE = 2$, find DE.

6. If $AE = 2x$, $BE = 4x$, $CE = 8$, and $DE = 16$, find x.
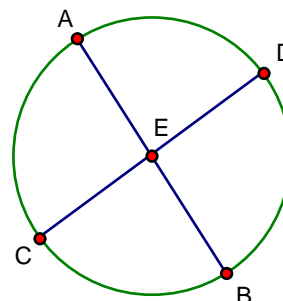
For questions 7 - 11, refer to the figure below and find the indicated value.

7. If $BC = 3$ and $BD = 12$, find AB.

8. If $AB = 6$ and $BD = 12$, find BC.

9. If $BC = 4$ and $CD = 12$, find AB.

10. If $AB = 6$ and $BD = 9$, find BC.

11. If $AB = 10$ and $BC = 5$, find CD.
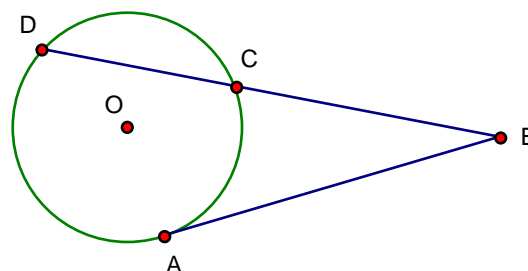
For questions 12 - 21, refer to the figure below and find the indicated value.

12. If $AC = 12$, $BC = 4$ and $CE = 8$, find CD.

13. If $CE = 9$, $CD = 4$, and $BC = 3$, find AB.

14. If $DE = 3$, $DC = 9$ and $BC = 6$, find AB.

15. If $AB = 17$, $BC = 3$, And $CD = 6$, find CE.

16. If $DE = 8$, $CD = 7$, and $AC = 21$, find BC.

17. If $CE = 15$, $DE = 10$, $BC = 4$, find AB.

18. If $CD = 8$, $DE = 10$, and $AB = 10$, find BC.

19. If $BC = 5$, $AB = 7$, $CD = x$ and $DE = 5x$, find x.

20. If $BC = 12$, $AB = 13$, $CD = x$, and $DE = 2x$, find x.