Practice 12-2
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## *Example Exercises*

Example 1

**In each diagram, $\overline{TP}$ is tangent to $\odot C$ at P. Find the value of x.**

1.

2.

3.

4.

5.

6.
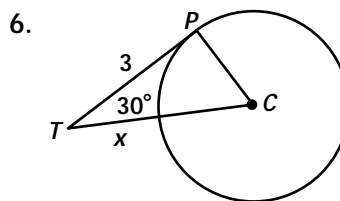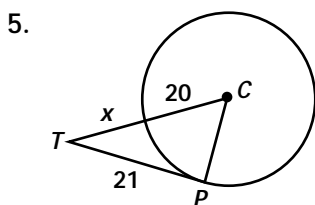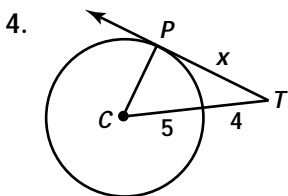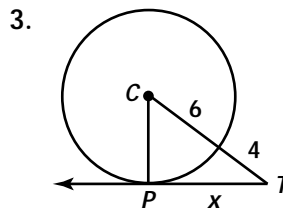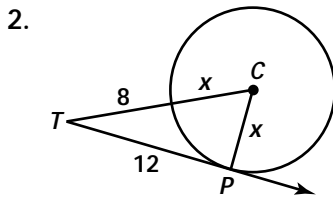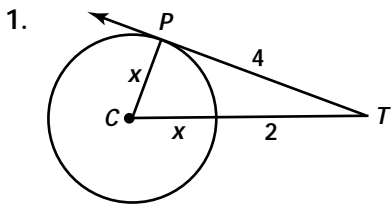
Example 2

**In each diagram, $\overline{AB}$ is tangent to circles C and D. Find the value of x.**

7.
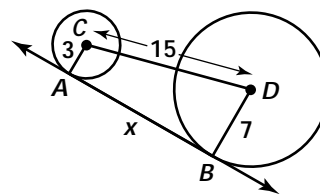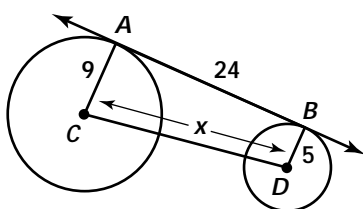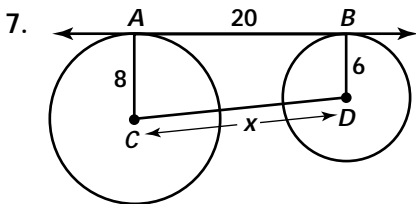
Example 3

In each diagram, a polygon circumscribes a circle. Find the perimeter of each polygon.

10. 13 cm 12 cm 8 cm

11. 7 in. 3 in. 4 in.

12. 12 ft 20 ft

13. 2 in.

14. 4 cm 3 cm 5 cm 4 cm

15. 12 ft 9 ft 8 ft 3 ft