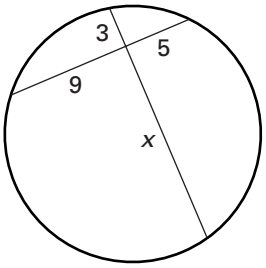
NAME _____ DATE _____

Practice A

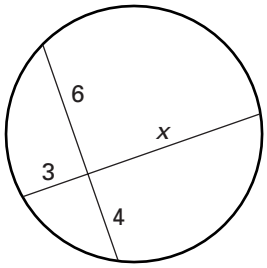
For use with pages 629–635

Fill in the blanks. Then find the value of *x*.

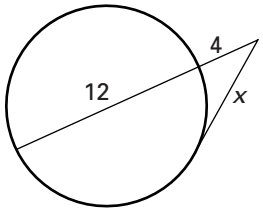
1. $x \cdot \underline{\ ?\ } = 5 \cdot \underline{\ ?\ }$



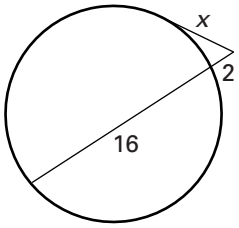
2. $6 \cdot \underline{\ ?\ } = 3 \cdot \underline{\ ?\ }$



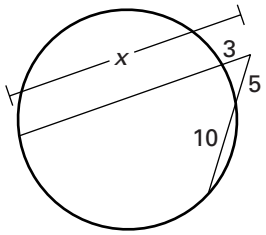
3. $x^2 = 4 \cdot \underline{\ ?\ }$



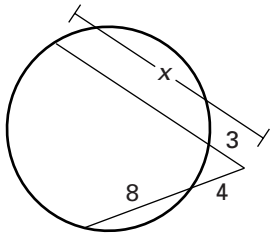
4. $x^2 = 2 \cdot \underline{\ ?\ }$



5. $3 \cdot \underline{\ ?\ } = 5 \cdot \underline{\ ?\ }$

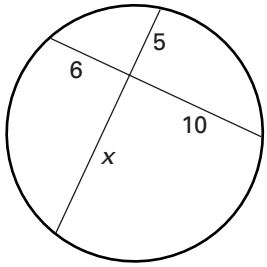


6. $3 \cdot \underline{\ ?\ } = 4 \cdot \underline{\ ?\ }$

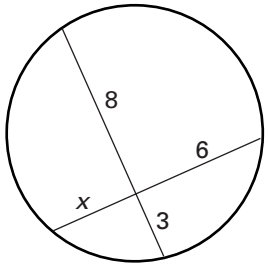


Find the value of *x*.

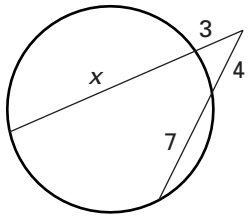
7.



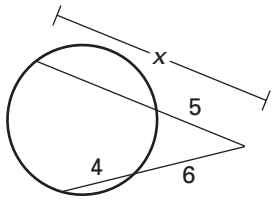
8.



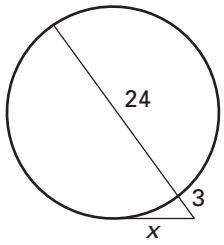
9.



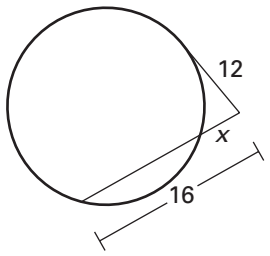
10.



11.



12.



Use the diagram at the right and the given information.

13. ***Water Tank*** You want to estimate the radius of the town's circular water tank. You stand at point *C*, about 6 feet from the circular tank. The distance from you to a point of tangency on the tank is about 10 feet. Estimate the radius of the tank.