LESSON 10.5

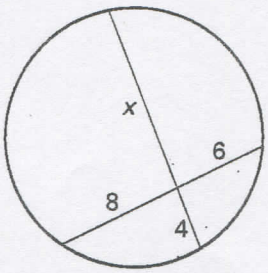
NAME _____ DATE _____

Practice B

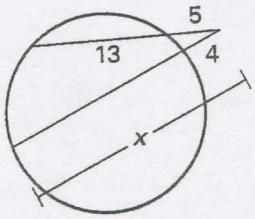
For use with pages 629–635

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

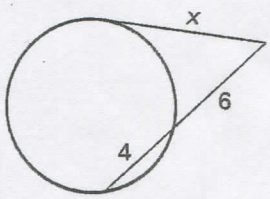
1. $x \cdot$? $= 8 \cdot$?



2. $4 \cdot$? $= 5 \cdot$?

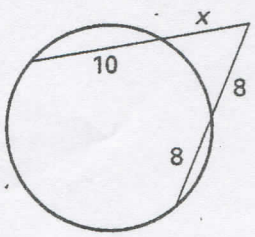


3. $x^2 = 6 \cdot$?



Find the value of x. Round to the nearest tenth, if necessary.

4.



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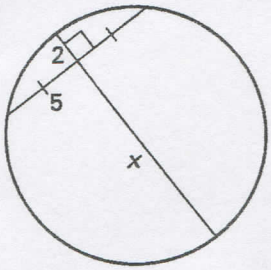

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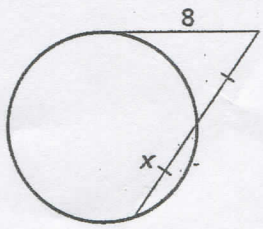
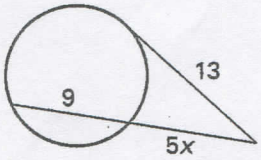
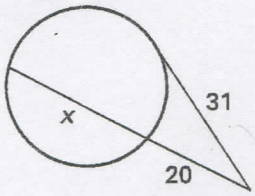


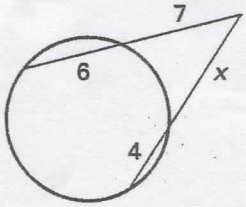
7.



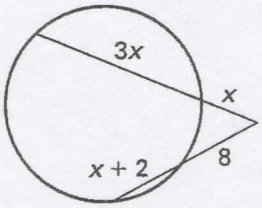
8.



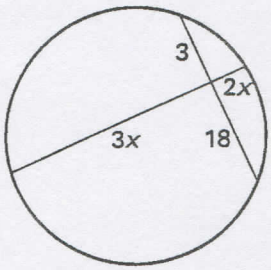
9.



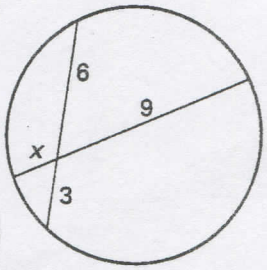
10.



11.

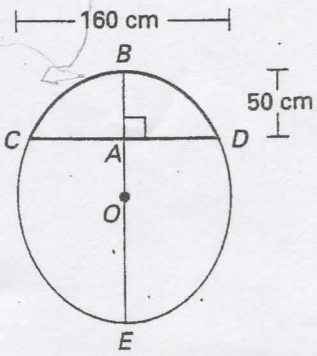


12.



Use the diagram at the right and the given information.

13. *Doorway* An arch over a doorway is 160 centimeters wide and 50 centimeters high. You want to determine the radius of the circle that contains the arch. Follow the steps below.



a. $AB =$?

b. $AC =$?, $AD =$?

c. $EA =$?

d. $EB =$?

e. $EO =$?