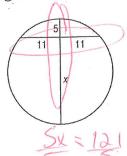
Practice 10-7

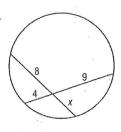
Special Segments in a Circle

Find x to the nearest tenth. Assume that segments that appear to be tangent are tangent.

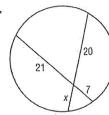
1.



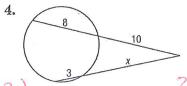
2.

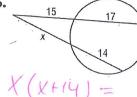


3.



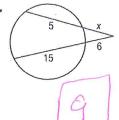
8x = 36



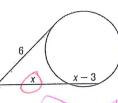




8.



7.



$$2 \times^{2} - 3 \times = 3 \times (4)$$



10. CONSTRUCTION An arch over an apartment entrance is 3 feet high and 9 feet wide. Find the radius of the circle containing the arc of the arch.

4,875 Ft 580

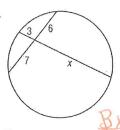
Glencoe Geometry

Skills Practice 10-7

Special Segments in a Circle

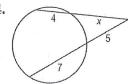
Find x to the nearest tenth. Assume that segments that appear to be tangent are tangent.

1.



14

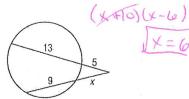
4.



X(x+41 = 5.12

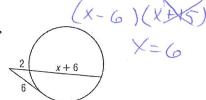
x 2+4x -60 = 0

6.



x (x+9)=5.(18)

8.

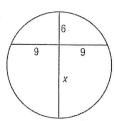


2(X+B)=6 2x+16 = 36

⊚ Glencoe/McGraw-Hill 2 / = 20

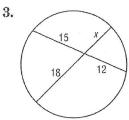
X=6

2.



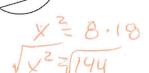
6x = 81

5.

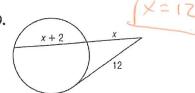


X(X+9)=2.18

7.



9.



 $2x^{2} + 2x = 144$ $2x^{2} + 2x - 144 = Gencoe Geometry$