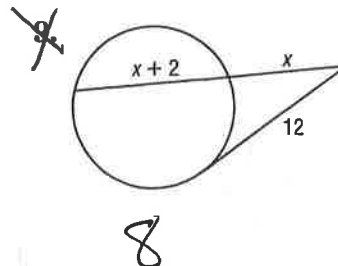
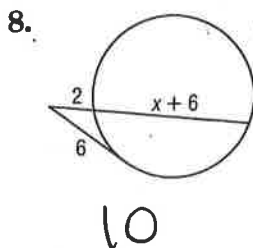
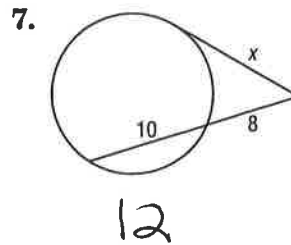
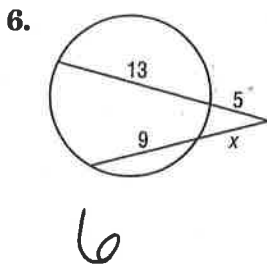
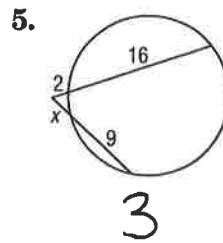
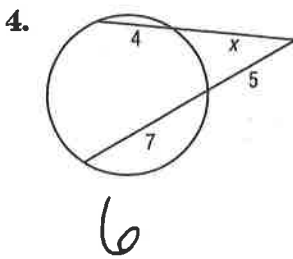
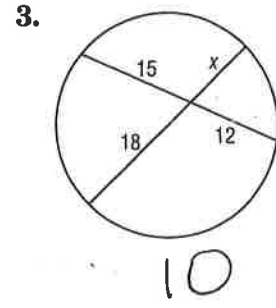
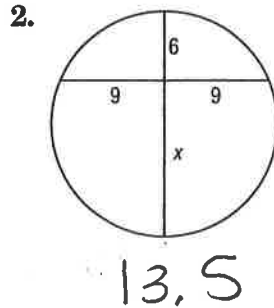
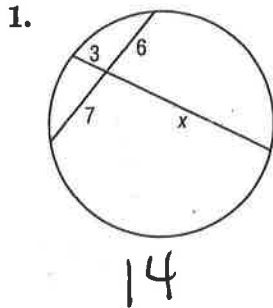


10-7 Skills Practice

Special Segments in a Circle

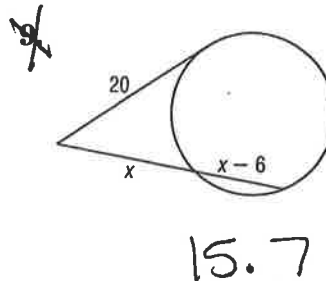
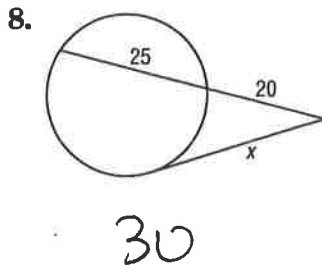
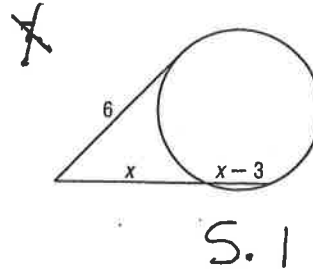
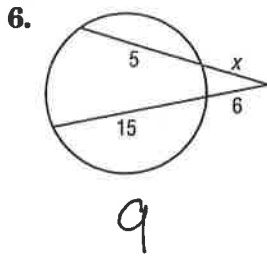
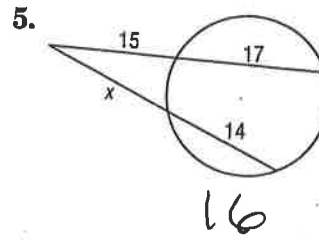
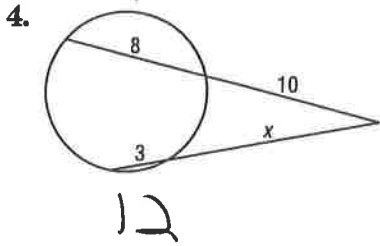
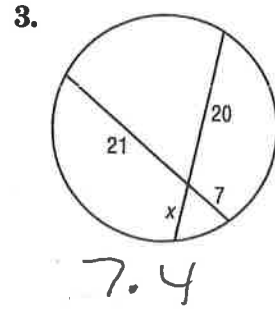
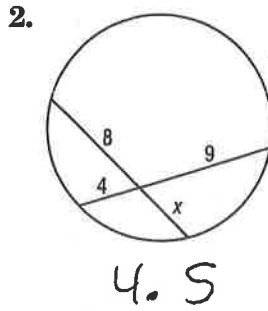
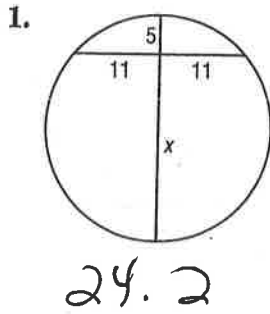
Find x to the nearest tenth. Assume that segments that appear to be tangent are tangent.



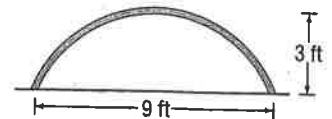
10-7 Practice

Special Segments in a Circle

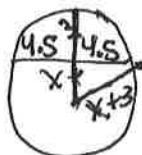
Find x to the nearest tenth. Assume that segments that appear to be tangent are tangent.



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



$$x^2 + 4.5^2 = (x+3)^2$$