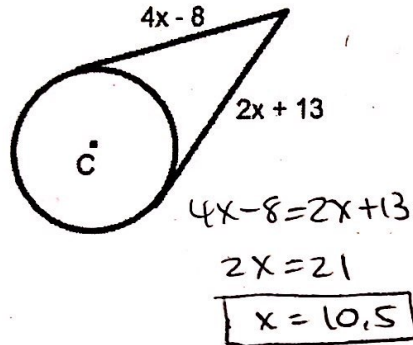
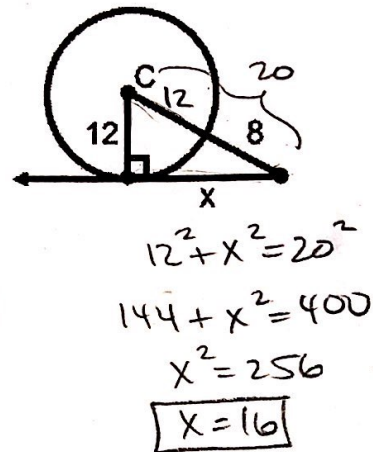


Segments in Circles

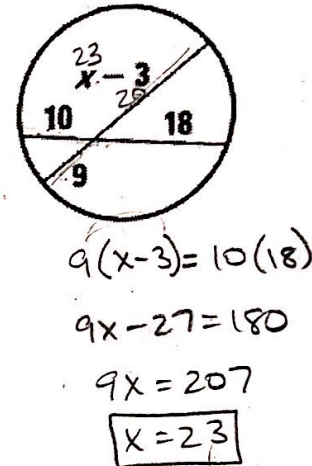
1. $x = \underline{10.5}$



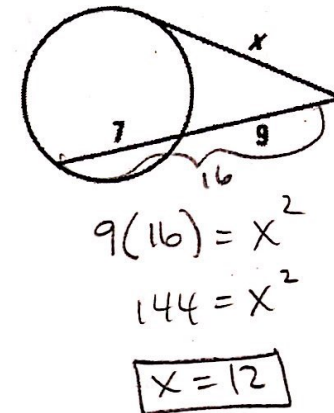
2. $x = \underline{16}$



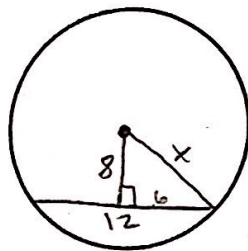
3. $x = \underline{23}$



4. $x = \underline{12}$



5. A 12 cm chord is 8 cm from the center. Find the length of the radius of the circle.



$8^2 + 6^2 = x^2$
 $64 + 36 = x^2$
 $100 = x^2$
 $x = 10$