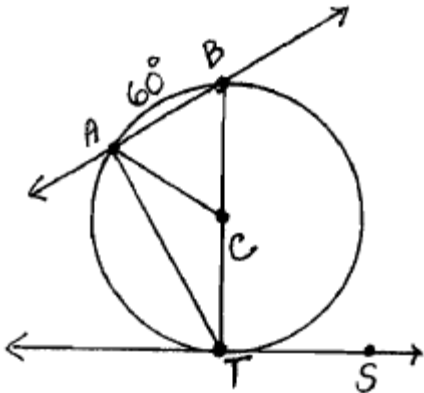


Show work. Give exact answers in simplest form—no rounding decimals!

1. Use circle C.

Name: a) 2 minor arcs



b) 2 major arcs

c) semicircle

d) secant line

e) tangent line

f) 2 chords

g) 3 radii

h) diameter

Find:

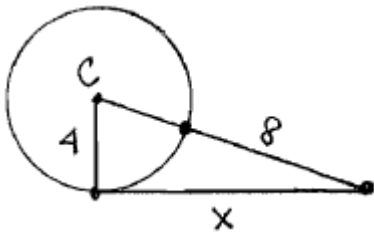
i) $m\angle TCA$

j) $m\angle CTA$

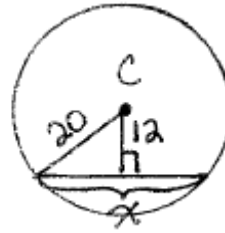
k) $m\angle BAT$

l) $m\angle BTS$

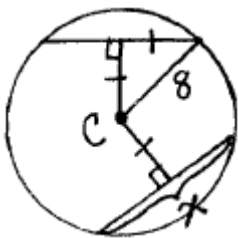
2. In circle C, find x.



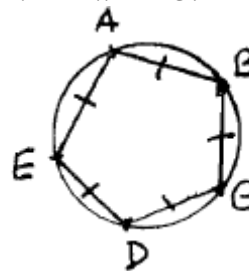
3. In circle C, find x.



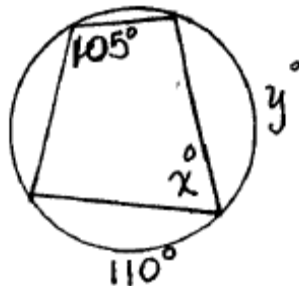
4. In circle C, find x.



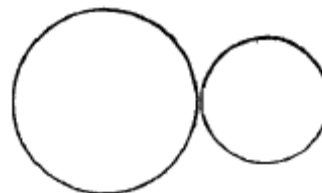
5. Find $m\angle BGD$.



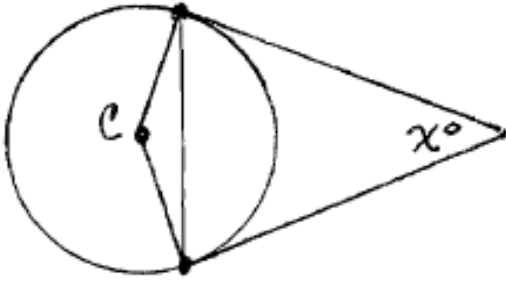
6. Find x and y.



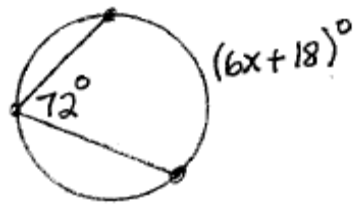
7. Draw all common tangents to the 2 circles.



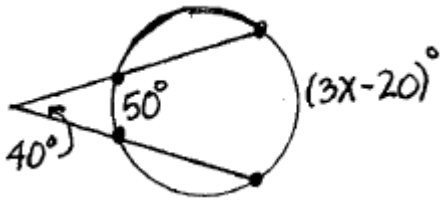
8. In circle C , $m\angle C = 150$. Find x .



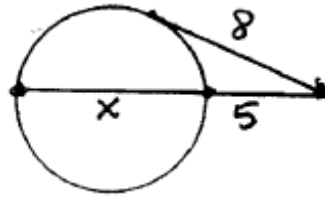
9. Find x .



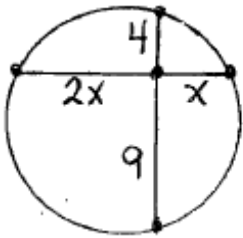
10. Find x .



11. Find x .



12. Find x .



13. Find x .

