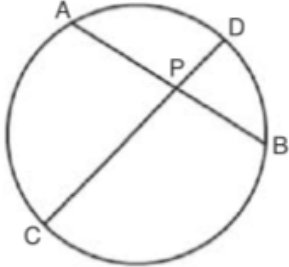
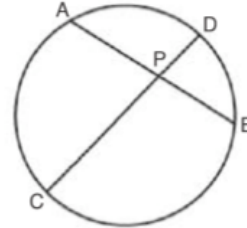


Circle Theorems – Intersecting Chords

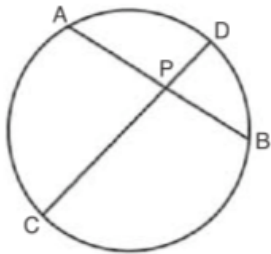
AP = 15 cm, PB = 6 cm and DP = 4 cm.
Find CP.



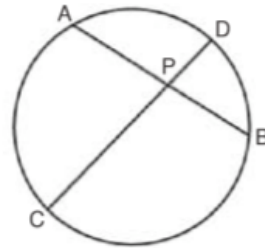
CP = 20 cm, PB = 7 cm and AP = 15 cm.
Find DP.



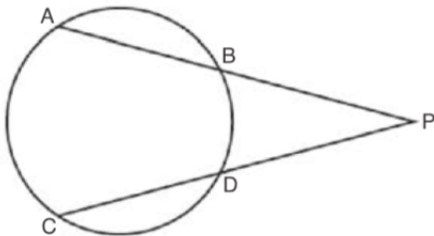
AB = 10 cm, PB = 3 cm and DP = 2 cm.
Find CP.



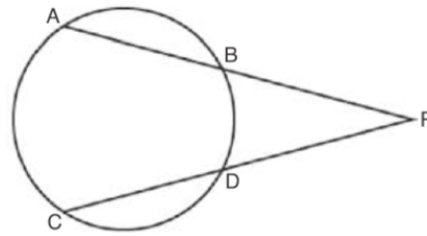
DP = 4 cm, PB = 6 cm and AB = 15 cm.
Find CP.



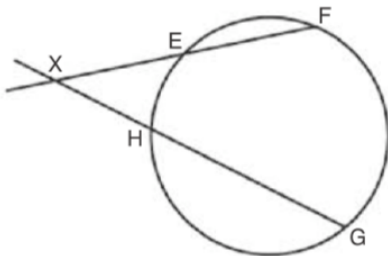
AP = 15 cm, BP = 6 cm and DP = 5 cm.
Find CP.



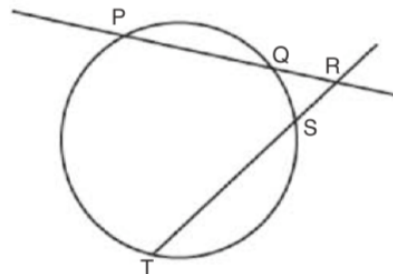
AB = 8 cm, BP = 12 cm and DP = 10 cm.
Find CD.

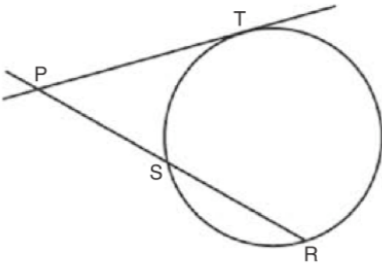
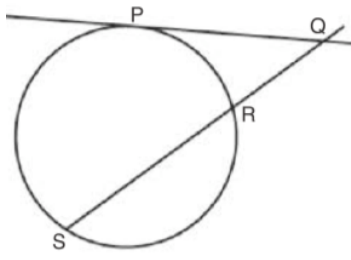
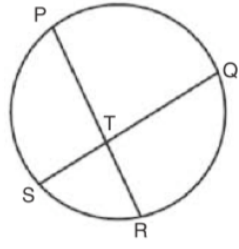
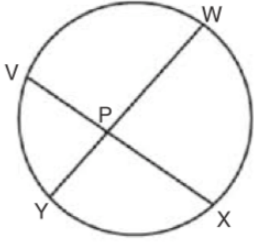
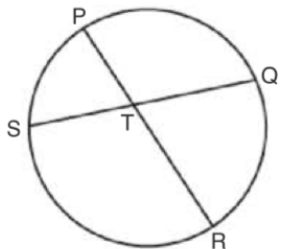
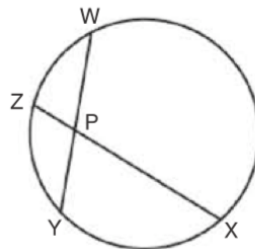
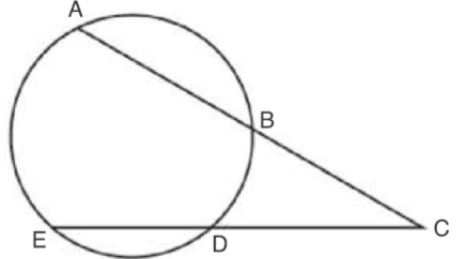
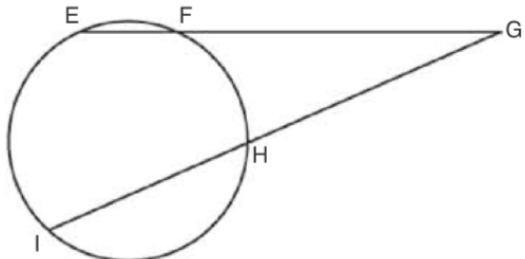
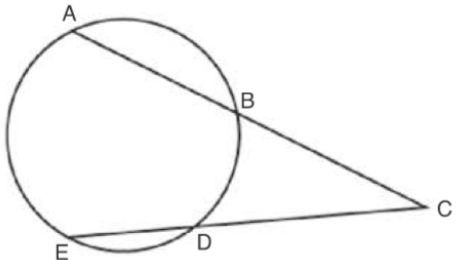


EX = 8 cm, HX = 6 cm and GH = 10 cm.
Find EF.



QR = 5 cm, PQ = 7 cm and RS = 4 cm.
Find ST.



<p>PT is a tangent to the circle, PS = 9 cm and SR = 7 cm. Calculate the length PT.</p> 	<p>PQ is a tangent to the circle. PQ = 20 cm and QR = 16 cm. Calculate the length SR.</p> 
<p>PR = 10 cm, RT = 4 cm and QT = 8 cm. Find ST.</p> 	<p>VP = 7 cm, VX = 16 cm and PY = 6 cm. Find WY.</p> 
<p>PR = 23 cm, PT = 8 cm, SQ = 22 cm and QT = x. Form a quadratic equation and find x.</p> 	<p>WP = YP = 10 cm, XZ = 5 × PZ. By putting PZ = x, form a quadratic equation and find x.</p> 
<p>BC = 9 cm, AB = 7 cm and DE = 10 cm. Find CD.</p> 	<p>EF = 1 cm, IH = 8 cm and HG = 12 cm. Calculate FG.</p> 
<p>AC = 30 cm and AB = 14 cm. Calculate CE when DE = 4 cm.</p> 	<p>GT is a tangent to the circle. GT = 6 cm, IH = 3.5 cm and GH = x. Find x.</p> 