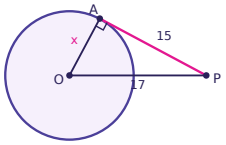
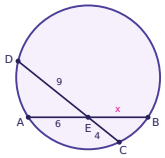
Tangents, Chords & Secant Segments · 1

## PA is tangent to circle O at A. Find x.



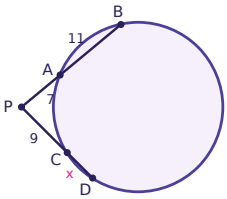

Tangents, Chords & Secant Segments · 2

## Chords AB and CD intersect at E. Find x.



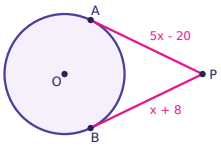

Tangents, Chords & Secant Segments · 3

Secants PAB and PCD are drawn to the circle from P. Find x.



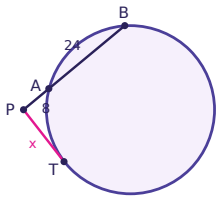

Tangents, Chords & Secant Segments · 4

PA and PB are tangent to circle O. PA = 5x - 20 and PB = x + 8. Find x.



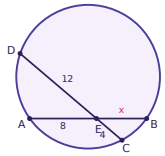

Tangents, Chords & Secant Segments · 5

PT is tangent to the circle and PAB is a secant. Find x.



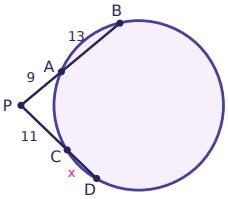

Tangents, Chords & Secant Segments · 6

## Chords AB and CD intersect at E. Find x.



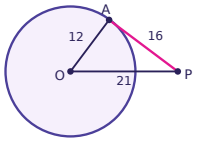

Tangents, Chords & Secant Segments · 7

Secants PAB and PCD are drawn to the circle from P. Find x.




Tangents, Chords & Secant Segments · 8

## Is PA tangent to circle O? Answer yes or no.



Tangents, Chords & Secant Segments · 2

**ANSWER**

**6**

Tangents, Chords & Secant Segments · 1

**ANSWER**

**8**

Tangents, Chords & Secant Segments · 4

**ANSWER**

**7**

Tangents, Chords & Secant Segments · 3

**ANSWER**

**5**

Tangents, Chords & Secant Segments · 6

**ANSWER**

**6**

Tangents, Chords & Secant Segments · 5

**ANSWER**

**16**

Tangents, Chords & Secant Segments · 8

**ANSWER**

**no**

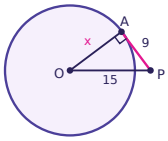
Tangents, Chords & Secant Segments · 7

**ANSWER**

**7**

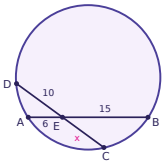
Tangents, Chords & Secant Segments · 9

## PA is tangent to circle O at A. Find x.



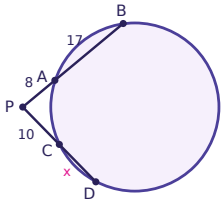

Tangents, Chords & Secant Segments · 10

## Chords AB and CD intersect at E. Find x.



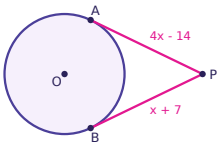

Tangents, Chords & Secant Segments · 11

Secants PAB and PCD are drawn to the circle from P. Find x.



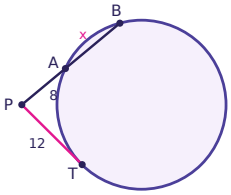

Tangents, Chords & Secant Segments · 12

PA and PB are tangent to circle O. PA = 4x - 14 and PB = x + 7. Find PA.



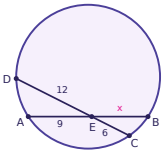

Tangents, Chords & Secant Segments · 13

PT is tangent to the circle and PAB is a secant. Find x.



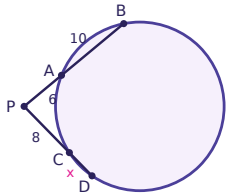

Tangents, Chords & Secant Segments · 14

## Chords AB and CD intersect at E. Find x.



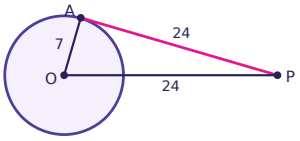

Tangents, Chords & Secant Segments · 15

Secants PAB and PCD are drawn to the circle from P. Find x.




Tangents, Chords & Secant Segments · 16

## Is PA tangent to circle O? Answer yes or no.



Tangents, Chords & Secant Segments · 10

**ANSWER**

**9**

Tangents, Chords & Secant Segments · 9

**ANSWER**

**12**

Tangents, Chords & Secant Segments · 12

**ANSWER**

**14**

Tangents, Chords & Secant Segments · 11

**ANSWER**

**10**

Tangents, Chords & Secant Segments · 14

**ANSWER**

**8**

Tangents, Chords & Secant Segments · 13

**ANSWER**

**10**

Tangents, Chords & Secant Segments · 16

**ANSWER**

**no**

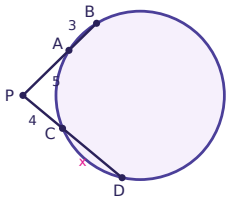
Tangents, Chords & Secant Segments · 15

**ANSWER**

**4**

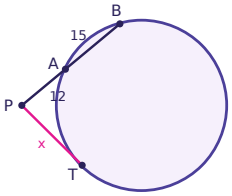
Tangents, Chords & Secant Segments · 17

Secants PAB and PCD are drawn to the circle from P. Find x.



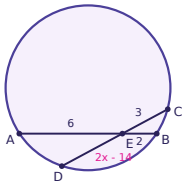

Tangents, Chords & Secant Segments · 18

PT is tangent to the circle and PAB is a secant. Find x.



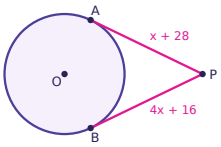

Tangents, Chords & Secant Segments · 19

Chords AB and CD intersect at E. ED = 2x - 14. Find x.



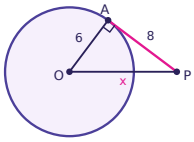

Tangents, Chords & Secant Segments · 20

PA and PB are tangent to circle O. PA = x + 28 and PB = 4x + 16. Find PA.



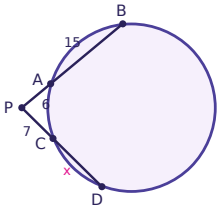

Tangents, Chords & Secant Segments · 21

PA is tangent to circle O at A. Find x.



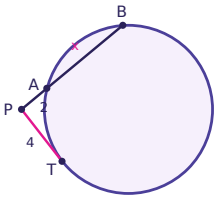

Tangents, Chords & Secant Segments · 22

Secants PAB and PCD are drawn to the circle from P. Find x.



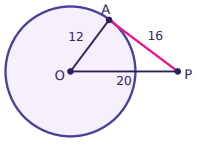

Tangents, Chords & Secant Segments · 23

PT is tangent to the circle and PAB is a secant. Find x.




Tangents, Chords & Secant Segments · 24

Is PA tangent to circle O? Answer yes or no.



Tangents, Chords & Secant Segments · 18

**ANSWER**

**18**

Tangents, Chords & Secant Segments · 17

**ANSWER**

**6**

Tangents, Chords & Secant Segments · 20

**ANSWER**

**32**

Tangents, Chords & Secant Segments · 19

**ANSWER**

**9**

Tangents, Chords & Secant Segments · 22

**ANSWER**

**11**

Tangents, Chords & Secant Segments · 21

**ANSWER**

**10**

Tangents, Chords & Secant Segments · 24

**ANSWER**

**yes**

Tangents, Chords & Secant Segments · 23

**ANSWER**

**6**