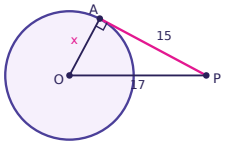
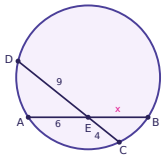
Tangents, Chords & Secant Segments · 1

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



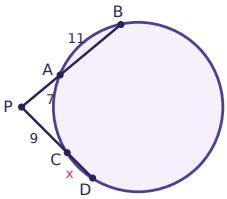
Tangents, Chords & Secant Segments · 2

Chords AB and CD intersect at E. Find x.



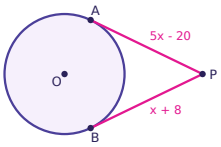
Tangents, Chords & Secant Segments · 3

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



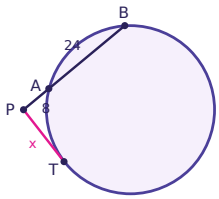
Tangents, Chords & Secant Segments · 4

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



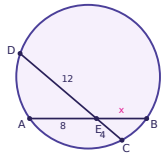
Tangents, Chords & Secant Segments · 5

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



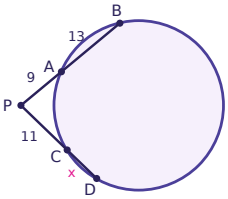
Tangents, Chords & Secant Segments · 6

Chords AB and CD intersect at E. Find x.



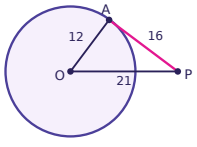
Tangents, Chords & Secant Segments · 7

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

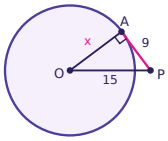
Tangents, Chords & Secant Segments · 7

ANSWER

7

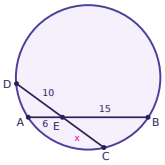
Tangents, Chords & Secant Segments · 9

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



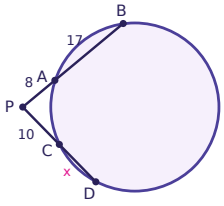
Tangents, Chords & Secant Segments · 10

Chords AB and CD intersect at E. Find x.



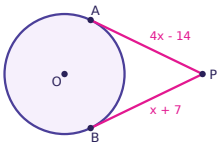
Tangents, Chords & Secant Segments · 11

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



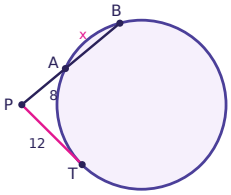
Tangents, Chords & Secant Segments · 12

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



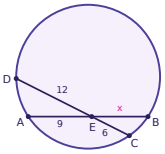
Tangents, Chords & Secant Segments · 13

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



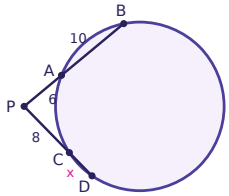
Tangents, Chords & Secant Segments · 14

Chords AB and CD intersect at E. Find x.



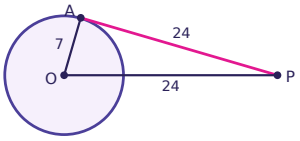
Tangents, Chords & Secant Segments · 15

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

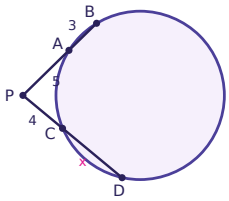
Tangents, Chords & Secant Segments · 15

ANSWER

4

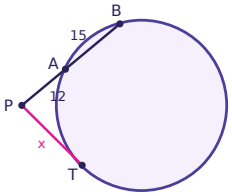
Tangents, Chords & Secant Segments · 17

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



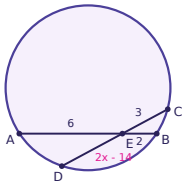
Tangents, Chords & Secant Segments · 18

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



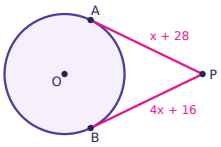
Tangents, Chords & Secant Segments · 19

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



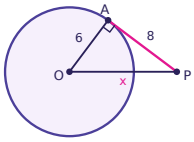
Tangents, Chords & Secant Segments · 20

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



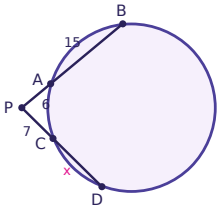
Tangents, Chords & Secant Segments · 21

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



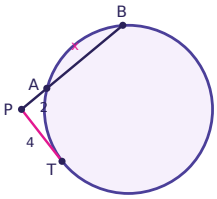
Tangents, Chords & Secant Segments · 22

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



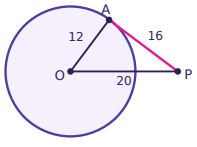
Tangents, Chords & Secant Segments · 23

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