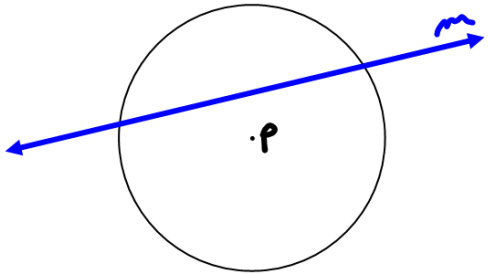
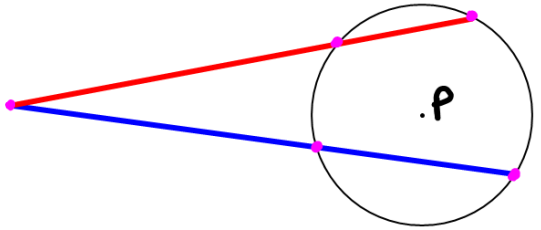
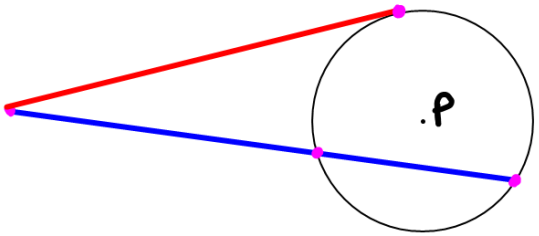
A secant is



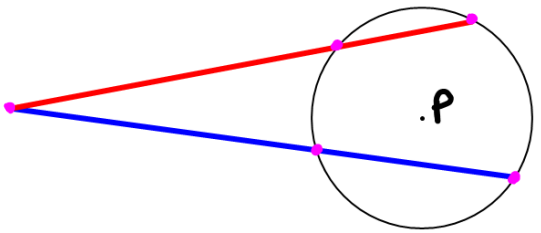
When two segments of secants



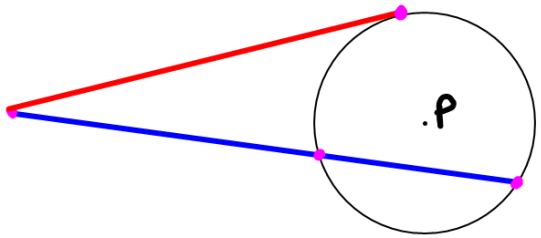
When segments of



When two segments of secants



When segments of a secant and a tangent



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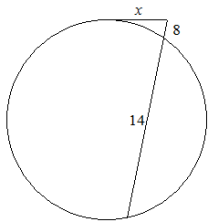
Find the value of x. If necessary, round your answer to the nearest tenth. The figures are not drawn to scale.

The figure consists of a tangent and a secant to the circle.



A. 176 B. 10.6 C. 17.5 D. 13.3

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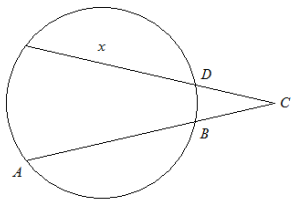
Find the value of x. If necessary, round your answer to the nearest tenth. The figures are not drawn to scale.

$AB = 18$, $BC = 9$, and $CD = 8$



A. 22.38 B. 20.25 C. 18.13 D. 30.38

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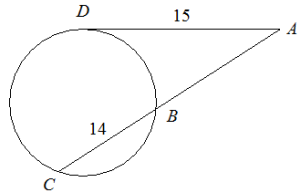
$\overline{AD}$ is tangent to circle O at D. Find AB. Round to the nearest tenth if necessary.



A. 9.6 B. 14.5 C. 16.1 D. 2.1

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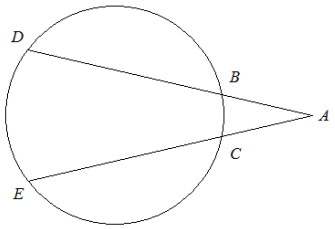
$m\overset{\frown}{DE} = 127$ and $m\overset{\frown}{BC} = 56$. Find $m\angle A$. (The figure is not drawn to scale.)



A. 35.5 B. 91.5 C. 71 D. 99

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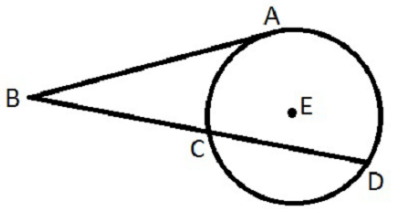
In the image below, $\overline{AB}$ is tangent to circle E and $\overline{BD}$ is a secant. $m\overset{\frown}{AC} = 85^0$ and $m\overset{\frown}{AD} = 144^0$. How many degrees is $m\angle ABC$?



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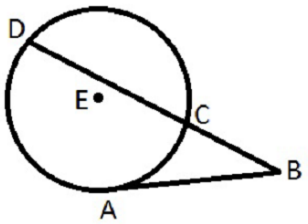
In the image below, $\overline{AB}$ is tangent to circle E and $\overline{BD}$ is a secant. $m\angle ABC = 45^0$ and $m\overset{\frown}{AD} = 155^0$. How many degrees is $m\overset{\frown}{AC}$?



powered by ExamView

In the image below, $\overline{AB}$ is tangent to circle E and $\overline{BD}$ is a secant. $m\angle ABC = 33^0$ and $m\overset{\frown}{AC} = 86^0$. How many degrees is $m\overset{\frown}{AD}$?