$\qquad$ Date $\qquad$ Class $\qquad$

## CIRCLE SPECIAL SEGMENTS

Find the value of the variable and the length of each chord.
1.

2.

3.

4.

$\qquad$
$\qquad$

Find the value of the variable and the length of each secant segment.
5.

6.

7.

8.


Find the value of the variable. Give answers in simplest radical form if necessary.
9.

10.

11.

12.



