

# Chord Chord Angles and Arcs

**Content Standards:**

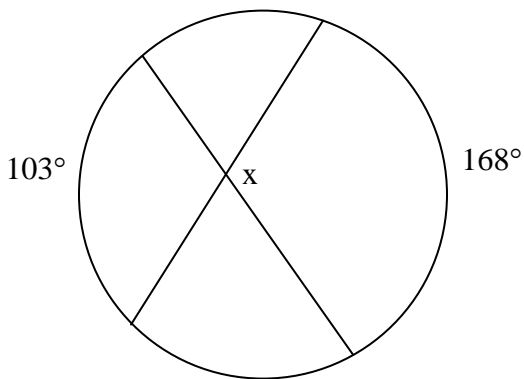
\*Students can find missing measures of two-dimensional figures.

**Process Standards:**

\*Students can construct convincing arguments to evaluate their own and others' work.

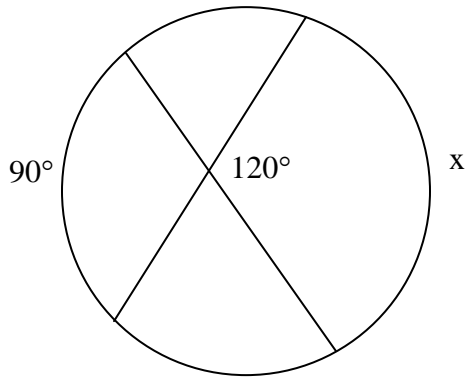
**Directions:** With this assignment you will be describing in writing how to solve problems related to circles.

1) Solve the following problem below. Check your answer with your neighbor.



2) Write down in words what steps you used to solve the above problem.

3) Solve the following problem below. Check your answer with your neighbor.



4) Describe in words how you would solve this problem.

5) How were the steps you used different in problems #1 and #3? How were they the same?

## GRADING RUBRIC

Criteria	0	1	2	3
Calculations for problem #1	Did not calculate correctly	Gave a correct answer with no work	Gave a correct answer with correct work	
Calculations for problem #3	Did not calculate correctly	Gave a correct answer with no work	Gave a correct answer with correct work	
Description of Steps	Gave an incorrect description of steps	Gave a poor description or had missing steps		Complete description of steps
Comparison of Problems #1 and #3	No comparison	Gave an answer with no supporting evidence		Gave an answer with well thought out supporting evidence

Total Points: \_\_\_\_\_ / 10