



## Lesson Plan: Paying for Crime

### Student Worksheet #1: Percents and Degrees of a Circle

**Concept:** An increase in crime only accounts for 12% of the increase in the numbers of people in prison.

**Calculation:**  $12/100 = x/360$   
Cross multiply and solve for x.

**Concept:** 51% of the increase is caused by a policy change whereby people who committed a felony became more likely to spend time in prison.

**Calculation:**  $51/100 = x/360$   
Solve for x.

**Concept:** 37% of the increase is caused by a policy change making prison sentences longer.

**Calculation:**  $37/100 = x/360$   
Cross multiply and solve for x.