Name _____ Class _____ Date _____

Practice 9-6

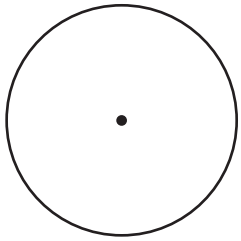
Circles

Find the measures of the central angles that you would draw to represent each percent in a circle graph. Round to the nearest degree.

	Voter Preference for Senator		Central Angle
1.	Peterson	40%	
2.	Washington	30%	
3.	Gomez	15%	
4.	Thomson	10%	
5.	Miller	5%	

6. Draw a circle graph for the data on voter preference.

Voter Preference for Senator



7. The total number of voters surveyed was 5,000. How many voters preferred Gomez?

_____

Find the circumference of each circle with the given radius or diameter. Use 3.14 for π.

8. $d = 25.8$ m

$C =$ _____

9. $r = 9.1$ cm

$C =$ _____

10. $r = 0.28$ km

$C =$ _____

11. $d = 14$ ft

$C =$ _____

12. $d = 5$ in.

$C =$ _____

13. $r = \frac{7}{8}$ in.

$C =$ _____