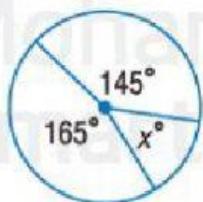


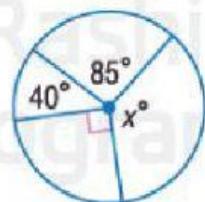
## LESSON 5-2: MEASURING ANGLES AND ARCS

1) Find the value of  $x$

1A.



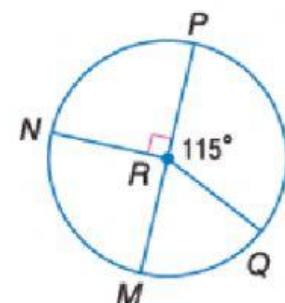
1B.



$x =$

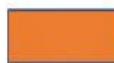
$x =$

2)



$\overline{PM}$  is a diameter of  $\odot R$ . Identify each arc as a *major arc*, *minor arc*, or *semicircle*. Then find its measure.

2A.  $\widehat{MQ}$



Major arc

65

2B.  $\widehat{MNP}$



180

2C.  $\widehat{QNP}$



245

2D.  $\widehat{PQ}$



115

3)

Finish labeling the major and minor arcs.

Only move clockwise for Questions 1 - 8.

1. Minor Arc A
2. Major Arc AB
3. Semicircle AB
4. Minor Arc C
5. Semicircle CD
6. Minor Arc D
7. Major Arc BC
8. Major Arc CD

