12-4 Warm Up:
Constructing Central & Inscribed Angles

1. Use your compass to draw a circle. Label the center *P*.

2. Use a straightedge to draw a central angle. Label it $\angle RPS$.

3. Use your protractor to measure $\angle RPS$ and $\overset{\frown}{RS}$.

4. Plot point *T* on the circle. Use a straightedge to draw the inscribed angle $\angle RTS$.

5. Use your protractor to measure $\angle RTS$.

6. Plot point *U* on the circle. Use a straightedge to draw the inscribed angle $\angle RUS$.

7. Use your protractor to measure $\angle RUS$.

8. Finally, plot point *V* on the circle. Use a straightedge to draw the inscribed angle $\angle RVS$.

9. Use your protractor to measure $\angle RVS$.

What can you conclude about inscribed angles?