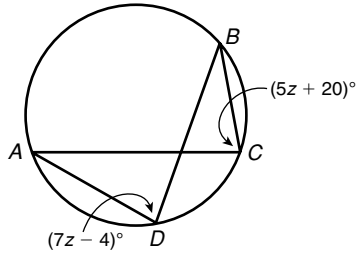


LESSON

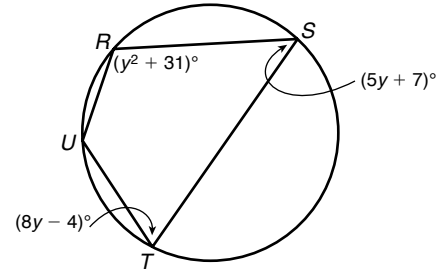
Problem Solving

11-4 Inscribed Angles

1. Find $m\widehat{AB}$.

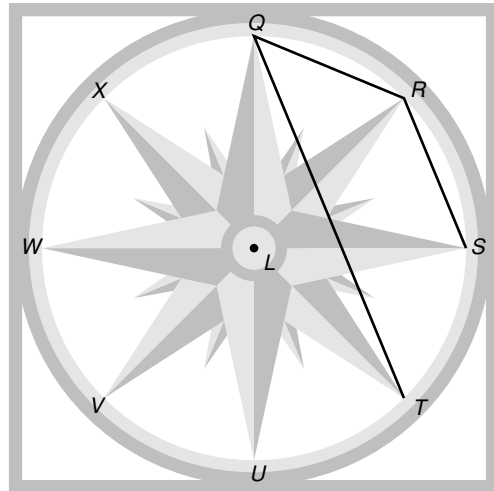


2. Find the angle measures of $RSTU$.



Choose the best answer.

Use the diagram of a floor tile for Exercises 3 and 4. Points $Q, R, S, T, U, V, W,$ and X are equally spaced around $\odot L$.



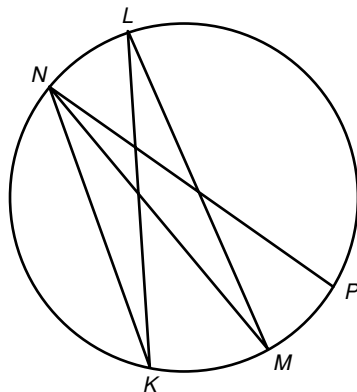
3. Find $m\angle RQT$.

- A 15°
- B 30°
- C 45°
- D 60°

4. Find $m\angle QRS$.

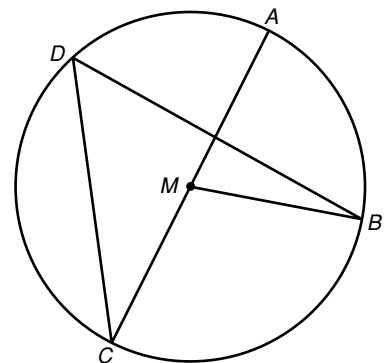
- F 67.5°
- G 135°
- H 180°
- J 270°

5. If $m\angle KLM = 20^\circ$ and $m\widehat{MP} = 30^\circ$, what is $m\angle KNP$?



- A 25°
- B 35°
- C 50°
- D 70°

6. In $\odot M$, $m\angle AMB = 74^\circ$. What is $m\angle CDB$?



- F 37°
- G 53°
- H 74°
- J 106°