

Name : _____

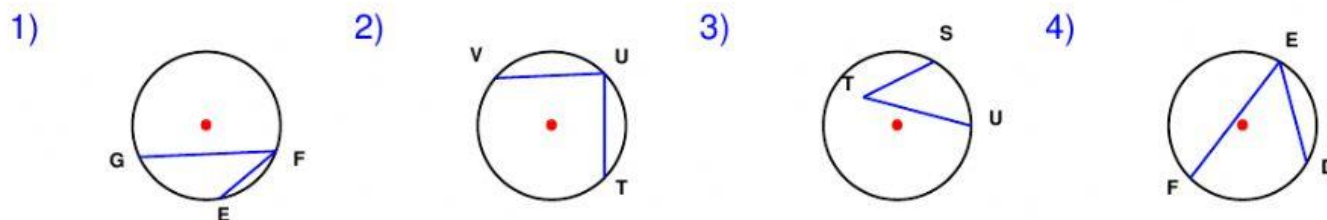
Score : _____

Teacher : _____

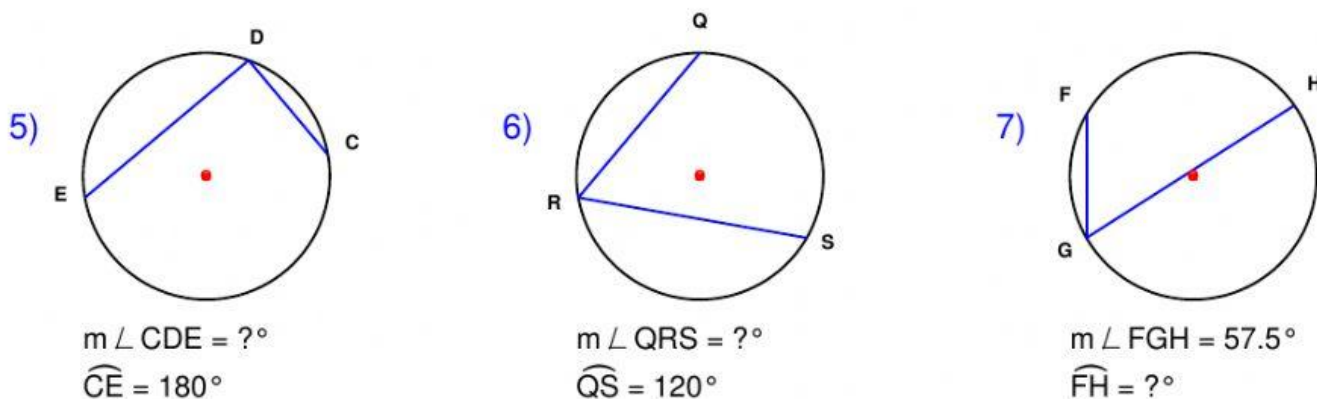
Date : _____

Inscribed Angles

Decide if each angle is an inscribed angle. If it is, name the angle and intercepted arc.



Find the measure of the indicated angle or arc.



Solve for x.



Thank you



Name : _____

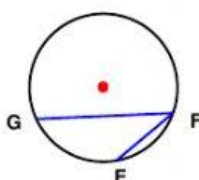
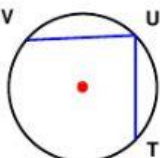
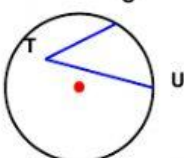
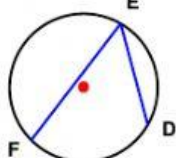
Score : _____

Teacher : _____

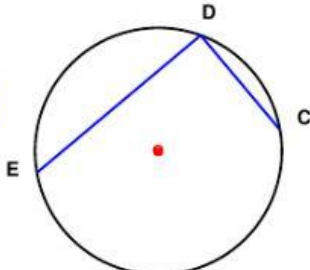
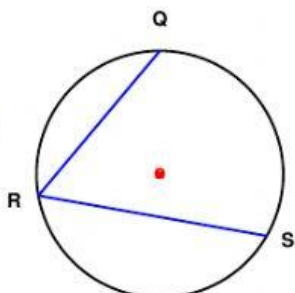
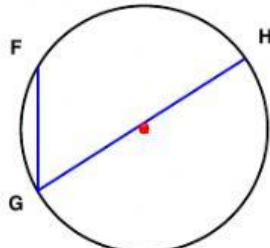
Date : _____

Inscribed Angles

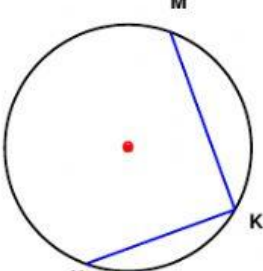
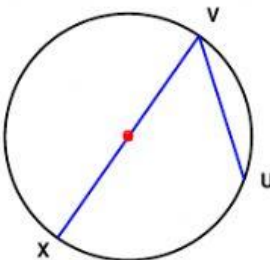
Decide if each angle is an inscribed angle. If it is, name the angle and intercepted arc.

- 1)  Yes; $m \angle EFG$; $\widehat{EG}$
- 2)  Yes; $m \angle TUV$; $\widehat{TV}$
- 3)  No
- 4)  Yes; $m \angle DEF$; $\widehat{DF}$

Find the measure of the indicated angle or arc.

- 5)  $m \angle CDE = 90^\circ$
 $\widehat{CE} = 180^\circ$
- 6)  $m \angle QRS = 60^\circ$
 $\widehat{QS} = 120^\circ$
- 7)  $m \angle FGH = 57.5^\circ$
 $\widehat{FH} = 115^\circ$

Solve for x.

- 8)  $m \angle HKM = 90^\circ$
 $\widehat{KH} = 80^\circ$
 $\widehat{KM} = 20x^\circ$
 $x = 5$
- 9)  $m \angle UVX = 52.5^\circ$
 $\widehat{UX} = 5x^\circ$
 $x = 21$

Thank you

