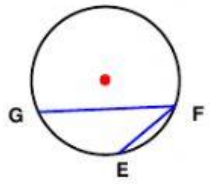
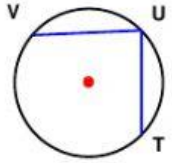
Name : _____ Score : _____

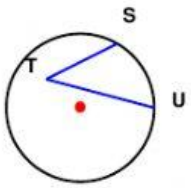
Teacher : _____ Date : _____

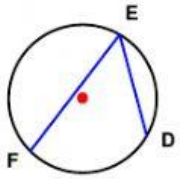
Inscribed Angles

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

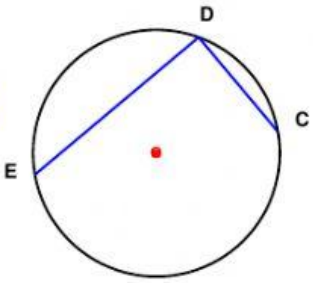
1) 

2) 

3) 

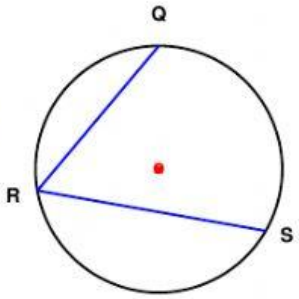
4) 

Find the measure of the indicated angle or arc.

5) 

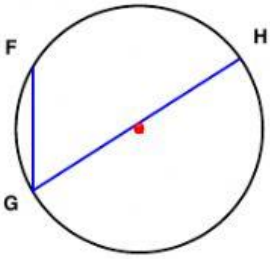
m∠CDE = ?°

$\overset{\frown}{CE}$ = 180°

6) 

m∠QRS = ?°

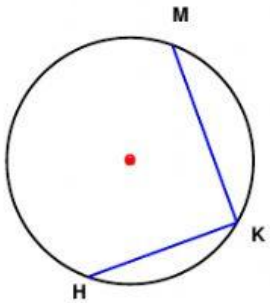
$\overset{\frown}{QS}$ = 120°

7) 

m∠FGH = 57.5°

$\overset{\frown}{FH}$ = ?°

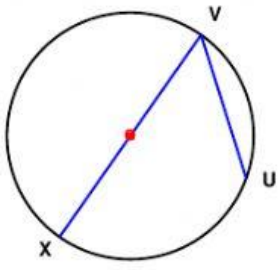
Solve for x.

8) 

m∠HKM = 90°

$\overset{\frown}{KH}$ = 80°

$\overset{\frown}{KM}$ = 20x°

9) 

m∠UVX = 52.5°

$\overset{\frown}{UX}$ = 5x°

Thank you

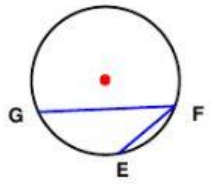
Math-Aids.Com
LIVEWORKSHEETS

Name : _____ Score : _____

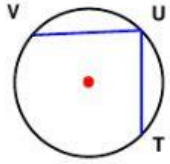
Teacher : _____ Date : _____

Inscribed Angles

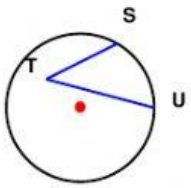
Decide if each angle is an inscribed angle. If it is, name the angle and intercepted arc.

1) 

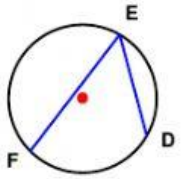
Yes; m∠EFG;$\overset{\frown}{EG}$

2) 

Yes; m∠TUV;$\overset{\frown}{TV}$

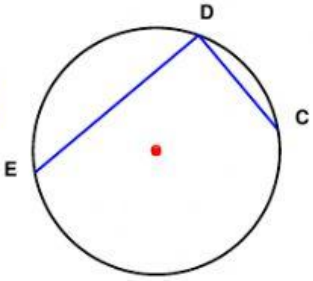
3) 

No

4) 

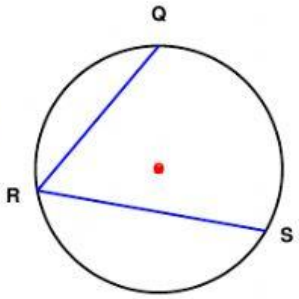
Yes; m∠DEF;$\overset{\frown}{DF}$

Find the measure of the indicated angle or arc.

5) 

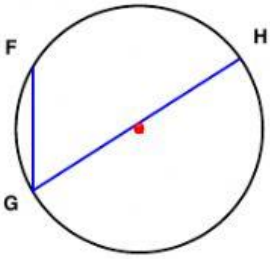
m∠CDE = 90°

$\overset{\frown}{CE}$ = 180°

6) 

m∠QRS = 60°

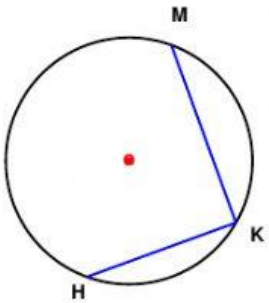
$\overset{\frown}{QS}$ = 120°

7) 

m∠FGH = 57.5°

$\overset{\frown}{FH}$ = 115°

Solve for x.

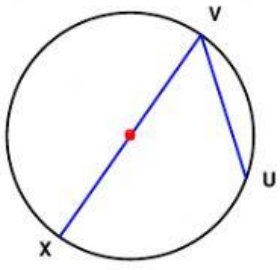
8) 

m∠HKM = 90°

$\overset{\frown}{KH}$ = 80°

$\overset{\frown}{KM}$ = 20x°

x = 5

9) 

m∠UVX = 52.5°

$\overset{\frown}{UX}$ = 5x°

x = 21

Thank you

Math-Aids.Com
LIVEWORKSHEETS