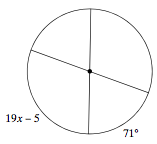
Math 3 Test 2 Review

Solve for x.

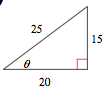
1.



2. Write the ratio for tan

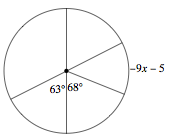


3. Write the ratio for sin :



NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Solve for x.



5. Solve for the trig function using the unit circle.

cos 90

sin 225

cos -225

sin -240

tan 300

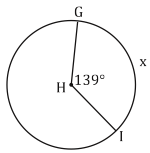
cos -630

sin 990

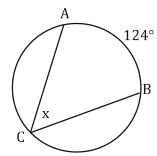
tan 120

tan 480

6. Solve for x.



7. Solve for x.



8. Convert from radians to degrees or from degrees to radians.

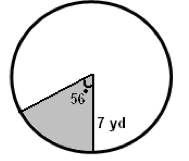
630º

200º

9. Simplify:

10. Simplify:

11. Find the arc length of the shaded region.



12. Find the arc length of the shaded region.

