Use identities to find the exact value.

1. 
2. 
3. 
4. Find the exact value of given that and .
5. Find the exact value of given that and where f is in quadrant IV and where g is in quadrant II.
6. Use the fundamental identities to fully simplify the expression .

Solve the equation over the interval [0,2π)

1. 
2. 
3. 
4. 

Solve the equation over the interval [0°,360°)

1. 
2. 

Verify the identity.

1. 
2. 
3. 
4. 
5. 

Solve the trigonometric equations on the interval [0,2π)

1. 
2. 
3. 

Identify, discuss, and graph all important values, points, and asymptotes.

1. 
2. 
3. 
4. Be able to write the equation of a conic from a graph. (i.e. go the other way from #21-23)