**Strategy for Solving Rational Equations Notes**

1. Identify any non-permissible values
2. Find the Lowest Common Multiple (LCM) of the denominators
3. Multiply every term on both sides by the LCM
4. Reject any non-permissible values that appear as solutions

1. Solve each equation below and identify any non-permissible values.

 a)  b) 

 c)  d) 

3. The speed of a plane is seven times as great as the speed of a car. The car takes 3 hours longer than the plane to travel 315 km. Find the speed of the car and the speed of the plane in km/hr. ( use the back of the sheet )