Consider a superposition of uniform flow (from left to right): \( \psi = V_y y \) and a sink: \( \psi = -\frac{\Lambda}{2\pi} \theta \)

(a) Calculate the location(s) of stagnation point(s): \((r, \theta) = (?, ?)\)

(b) Determine the equation of stagnation streamline: \(\psi = ?\)

(c) Let \( R = \Lambda/2\pi V_\infty \), and determine the equation of solid surface: \( r/R = ? \)

**Hints . . .**
- You need to follow through the similar procedure. Review your note . . .