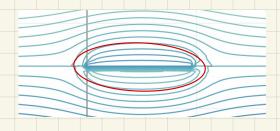
## Oval:

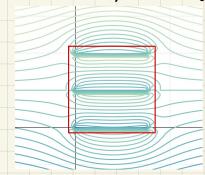
- combine a source and a sink w/ uniform flow
- stream function:

$$\Psi(x,y) = 5y + \frac{20}{2\pi} \tan^{-1}(\frac{y}{x}) - \frac{20}{2\pi} \tan^{-1}(\frac{y}{x-5})$$



## Square:

- vertically stack orals w/ uniform flow
- stream function:



## Triangle:

- combine 3 sources w/ uniform flow
- stream function:

$$\psi(x,y) = 5y + \frac{20}{2\pi} \tan^{-1}\left(\frac{y}{x}\right) + \frac{20}{2\pi} \tan^{-1}\left(\frac{y-2}{x-4}\right) + \frac{20}{2\pi} \tan^{-1}\left(\frac{y+2}{x-4}\right)$$