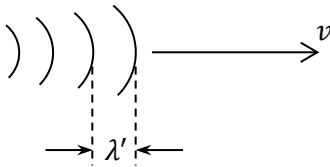
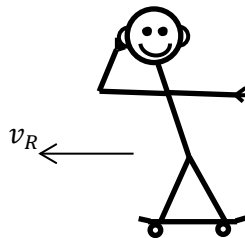


Source plays frequency  $f$



speed of sound:  $v$   
speed of source:  $v_s$   
speed of receiver:  $v_R$



Receiver hears frequency  $f'$