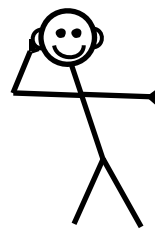


Source plays frequency  $f$

speed of sound:  $v$   
 speed of source:  $v_s$   
 speed of observer:  $v_o$



Observer hears frequency  $f'$