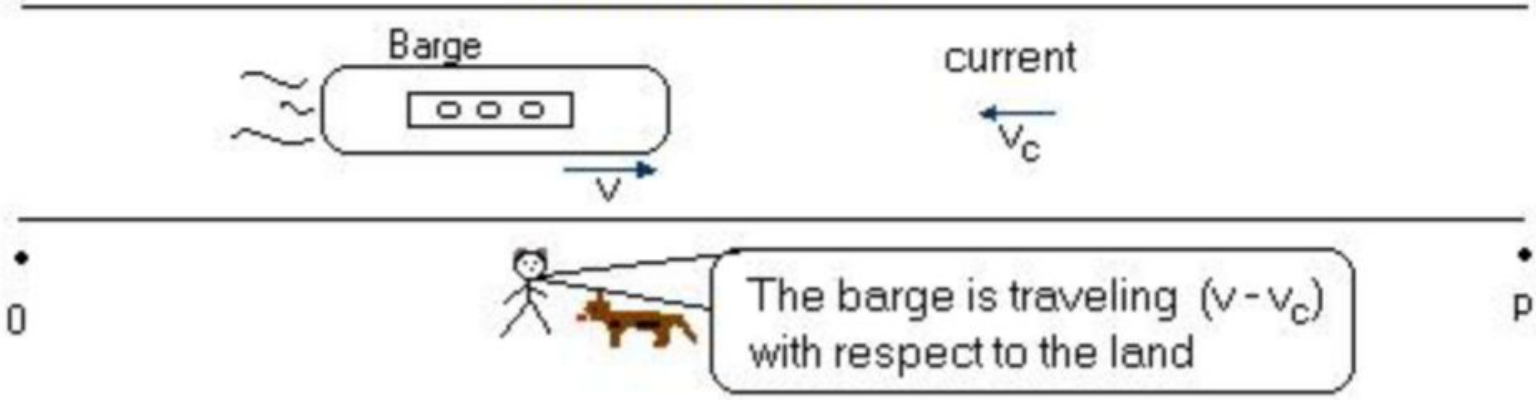
Grand River


Barge
current
v_c
v
0
p
The barge is traveling $(v - v_c)$
with respect to the land