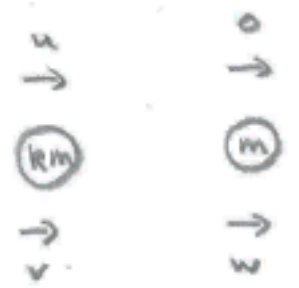


# Collisions - Problem (1 page; 3/3/14)

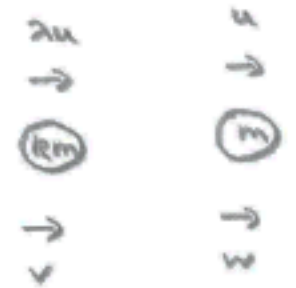
## Case A

Find a condition involving  $k$  &  $e$  for  $v$  to be  $< 0$



## Case B

Find conditions involving  $k, \lambda$  &  $e$  for  $v$  to be  $< 0$



## Case C

Find conditions involving  $k, \theta$  &  $e$  for  $v$  to be  $< 0$

