

3e. Notes for paragraph - Lab 7A.

- Car has PE @ top.
- PE \rightarrow KE as car \downarrow ramp
- greater height = more PE
- greater PE = greater KE (later)
- greater KE = greater speed
- some KE transferred (table)
 - to rubber band \rightarrow stretches
 - , then "unstretches" \downarrow
 - gives KE to car elastic PE

- some PE_{elastic} lost to heat

- rolling friction between car + track \rightarrow some KE lost to heat

\rightarrow less ht. + speed b/c of energy "losses" to system.