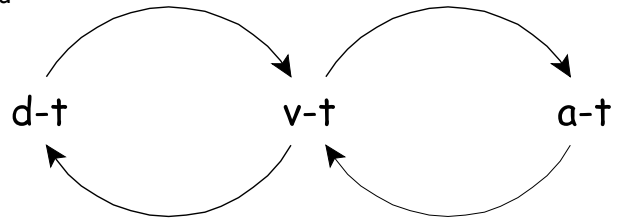


1. Complete the following diagram to the right that relates position-time ($d-t$), velocity-time ($v-t$), and acceleration-time ($a-t$) graphs.

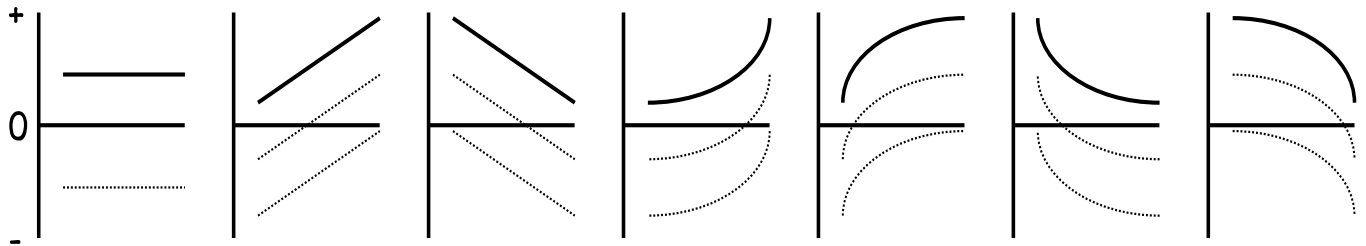


Remember that " " IS CUMULATIVE!!

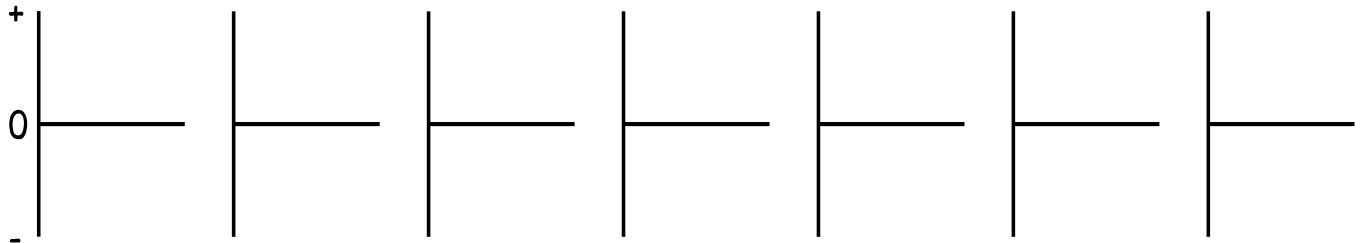
2. For each of the following d-t graphs:
 - (a) sketch the corresponding v-t and a-t graphs (solid lines).
 - (b) sketch the corresponding v-t and a-t graphs (dotted lines).
 - (c) is there a difference between (a) and (b)?

3. Indicate on your diagrams those graphs that represent (i) uniform motion and (ii) non-uniform motion.

d-t



v-t



a-t

