**Accelerated Motion In-Class Activity**

Given the following velocity vs. time graphs make consistent acceleration vs. time graphs and motion maps.

time

Vel

time

Accel

+ -

Motion Map:

+ -

time

Accel

time

Vel

time

Vel

time

Accel

+ -

Motion Map:

Motion Map:

Given the following velocity vs. time graphs create consistent position vs. time graphs and motion maps.

time

Vel

time

Pos.

+ -

Motion Map:

time

Vel

time

Pos.

+ -

time

Vel

time

Pos.

+ -

Motion Map:

Motion Map: