

*These graphs are one solution; there may be other graphs that are also correct.*

	1	2	3	4	5	7
x vs. t graph						
v vs. t graph						
Written Description	Object moves with a constant Positive velocity for some time, it stops for some time, and then moves with a constant negative velocity for a time	Object moves with a constant negative velocity for some time, It then moves with a constant positive velocity for a time. It then stops for some time.	Object moves with constant positive velocity for 4 seconds. Then, it stops for 2 seconds and returns to the initial position in 2 seconds.	Object moves with a constant negative velocity for some time, it stops for some time, and then moves with a greater constant negative velocity for a time	Object begins at rest for some time. It then moves with a constant Positive velocity for some time, and then moves with a slower constant negative velocity for a time	Object A starts 10m to the right of the origin and moves to the left at 2 m/s.  Object B starts at the origin and moves to the right at 3m/s.

Constant Velocity - More  $x$  vs.  $t$ ,  $v$  vs.  $t$

Date: \_\_\_\_\_

Physics

Name: \_\_\_\_\_ Pd. \_\_\_\_\_

*These graphs are one solution; there may be other graphs that are also correct.*