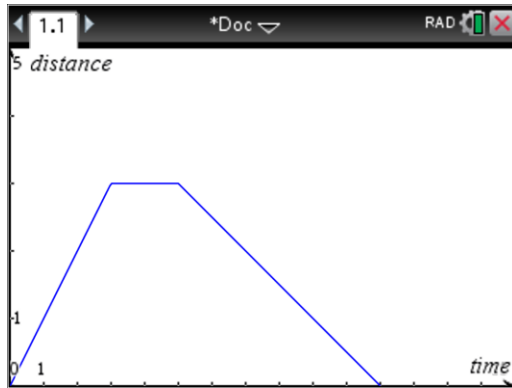


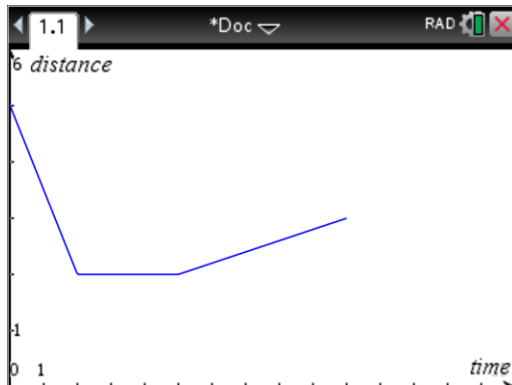
2 common graphs:

Using the CBR, collect distance vs. time data that shows a graph that matches the distance time graph for each problem

1.



2.



2 verbal descriptions:

Now try it with verbal descriptions

3.

Start 1 meter away from the sensor. Move away at a rate of  $\frac{3}{2}$  meters per second for 3 seconds. Stop and stay for 4 seconds. Move away at a rate of 1 meter per second for 2 seconds.

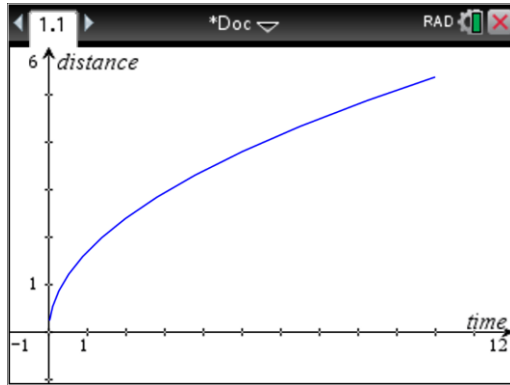
4.

Start 3 meters away from the sensor. Stay still for 2 seconds. Move toward the sensor at a rate of  $\frac{1}{2}$  meters per second for 4 seconds. Move away at a rate of  $\frac{1}{2}$  meters per second for 3 seconds. Stop for 2 seconds.

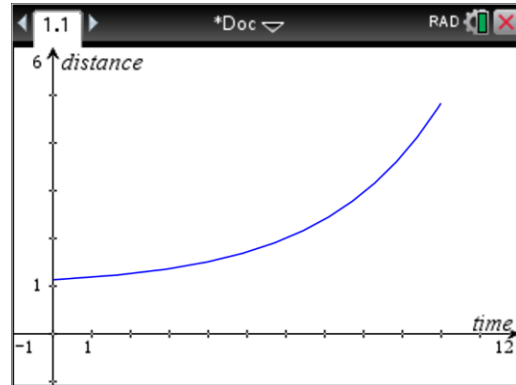
Now for a few challenges:

First try to describe what is happening in all 6,  
then try to create at least 2 of the following:

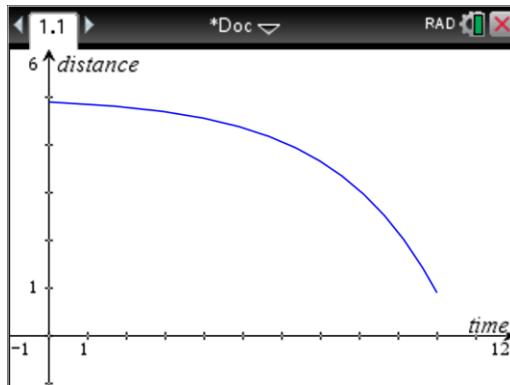
1.



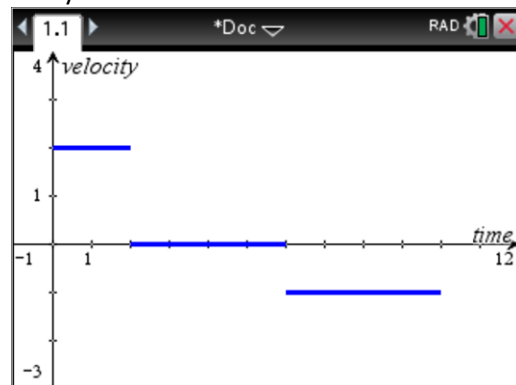
4.



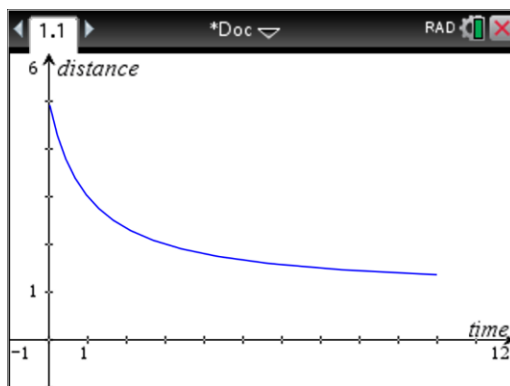
2.



5. Pay attention to the axes



3.



6.

