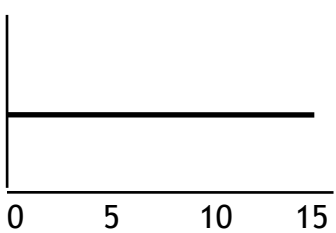
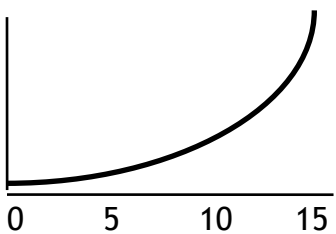
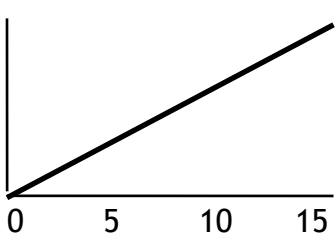
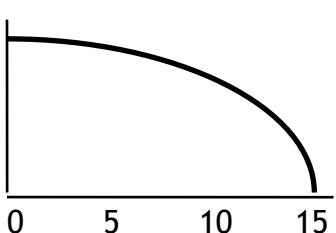
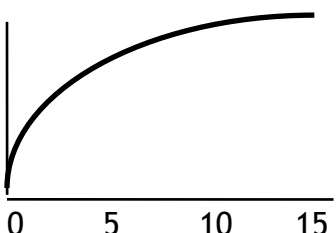




**Graph Matching - WS 4**  
Physical Science

Name \_\_\_\_\_  
1 2 3 4 5 6 7 8

**Directions:** The following d vs. t graphs were made of a car's motion. To the right of each graph choose the logical distances covered by the car as shown by the graph for the time periods indicated. For the first five second choices you will have to decide whether the car was moving or not. For the last five seconds you will have to decide whether the car maintained it's motion or if it increased or decreased the rate at which it was covering distance. Then choose what a driver would have to do to make such a graph.

d vs. t graphs	d first 5 s	d last 5 s	driver's actions
	a) 0 m b) 20 m	a) 0 m b) 10 m c) 20 m d) 30 m	a) car in park b) drive - cruise control c) drive - step on the gas d) drive - step on the brake e) reverse - cruise control f) reverse - step on the gas
	a) 0 m b) 20 m	a) 0 m b) 10 m c) 20 m d) 30 m	a) car in park b) drive - cruise control c) drive - step on the gas d) drive - step on the brake e) reverse - cruise control f) reverse - step on the gas
	a) 0 m b) 20 m	a) 0 m b) 10 m c) 20 m d) 30 m	a) car in park b) drive - cruise control c) drive - step on the gas d) drive - step on the brake e) reverse - cruise control f) reverse - step on the gas
	a) 0 m b) 20 m	a) 0 m b) 10 m c) 20 m d) 30 m	a) car in park b) drive - cruise control c) drive - step on the gas d) drive - step on the brake e) reverse - cruise control f) reverse - step on the gas
	a) 0 m b) 20 m	a) 0 m b) 10 m c) 20 m d) 30 m	a) car in park b) drive - cruise control c) drive - step on the gas d) drive - step on the brake e) reverse - cruise control f) reverse