Integrated 1

Name: _____

Identifying Functions

Indicate which graph matches the statement.

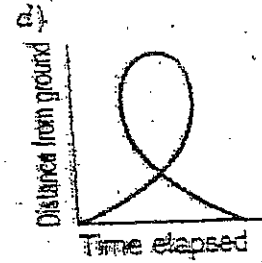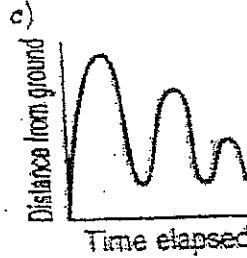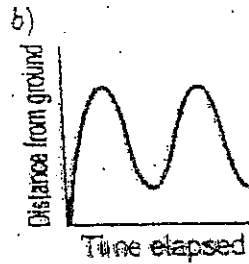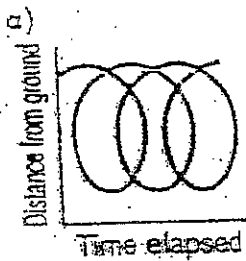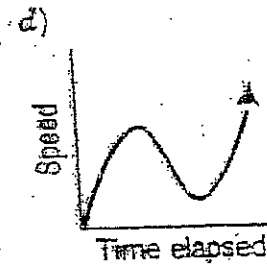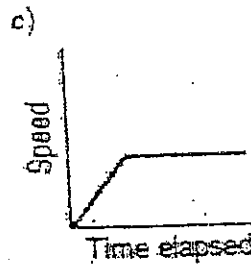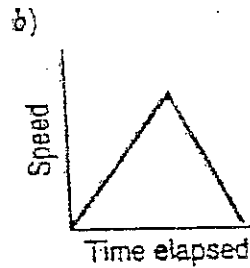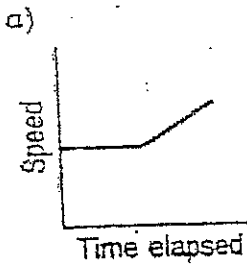1)   A train pulls into a station and lets off its passengers.
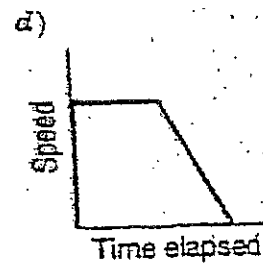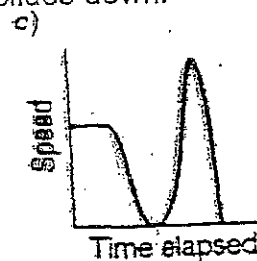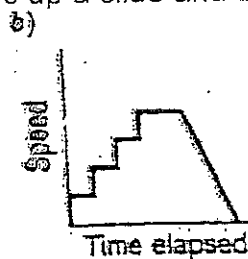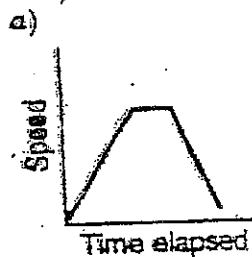
a)   Speed / Time elapsed

b)   Speed / Time elapsed

c)   Speed / Time elapsed

d)   Speed / Time elapsed
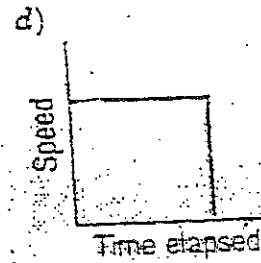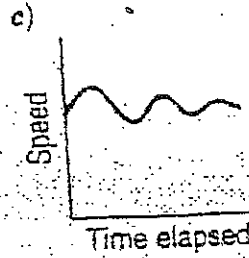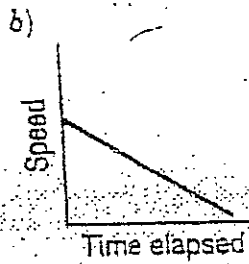
2)   A man takes a ride on a ferris wheel.

a)   Distance from ground / Time elapsed

b)   Distance from ground / Time elapsed

c)   Distance from ground / Time elapsed

d)   Distance from ground / Time elapsed

3)   A woman climbs a hill at a steady pace and then starts to run down one side.

a)   Speed / Time elapsed

b)   Speed / Time elapsed

c)   Speed / Time elapsed

d)   Speed / Time elapsed

4)   A child climbs up a slide and then slides down.

a)   Speed / Time elapsed

b)   Speed / Time elapsed

c)   Speed / Time elapsed

d)   Speed / Time elapsed

From the *Mathematics Teacher*, September 1994

5)   Consider all the graphs above. Which graphs are <u>not</u> graphs of functions?