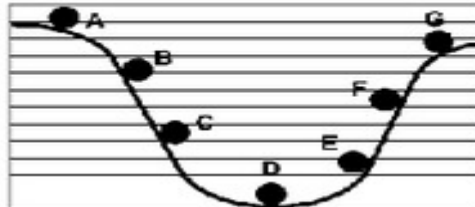


*Kinetic versus Potential Energy Practice*

**Part 1: This graph shows a ball rolling from A to G.**



1. Which letter shows the ball when it has the maximum kinetic  $NRG$ ? \_\_\_\_\_
2. Which letter shows the ball when it has the maximum potential  $NRG$ ? \_\_\_\_\_
3. Which letter shows the ball when it has the least potential  $NRG$ ? \_\_\_\_\_
4. Which letter shows the ball when it has the least kinetic  $NRG$ ? \_\_\_\_\_
5. Which letter shows the ball when it has just a little more kinetic  $NRG$  than A? \_\_\_\_\_
6. Which letter shows the ball when it has just a little more potential  $NRG$  than letter C? \_\_\_\_\_
7. Which letter shows the ball when it has just a little less potential energy than letter F? \_\_\_\_\_
8. Which letter shows the ball when it has just a little more kinetic energy than letter G? \_\_\_\_\_
9. Which letter shows the ball when it has just a little less kinetic energy than letter D? \_\_\_\_\_
10. Which letter shows the ball when it has just a little less potential energy than letter C? \_\_\_\_\_
11. Which sequence correctly shows an increase in potential energy?
 

A. E, F, B, G	B. B, F, E, C
C. D, E, B, F	D. A, G, F, C
12. Which sequence correctly shows an increase in kinetic energy?
 

A. E, F, B, G	B. B, F, E, C
C. D, E, B, F	D. A, G, F, C
13. Which sequence correctly shows a decrease in kinetic energy?
 

A. E, F, B, G	B. B, F, E, C
C. D, E, B, F	D. A, G, F, C
14. Which sequence correctly shows a decrease in potential energy?