NAME_____

Kinetic VS Potential Energy Practice

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

1. Which letter shows the ball where it has the maximum kinetic energy? _____
2. Which letter shows the ball where it has the maximum potential energy? _____
3. Which letter shows the ball where it has the least potential energy? _____
4. Which letter shows the ball where it has the least kinetic energy? _____
5. Which letter shows the ball where it has just a little more kinetic energy than A? _____
6. Which letter shows the ball where it has just a little more potential energy than letter E? _____
7. Which letter shows the ball where it has just a little less potential energy than letter F? _____
8. Which letter shows the ball where it has just a little more kinetic energy than letter G? _____
9. Which letter shows the ball where it has just a little less kinetic energy than letter D? _____
10. Which letter shows the ball where 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 an 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 an decrease in potential energy?

A. E, F, B, G **B.** B, F, E, C
C. D, E, B, F **D.** A, G, F, C