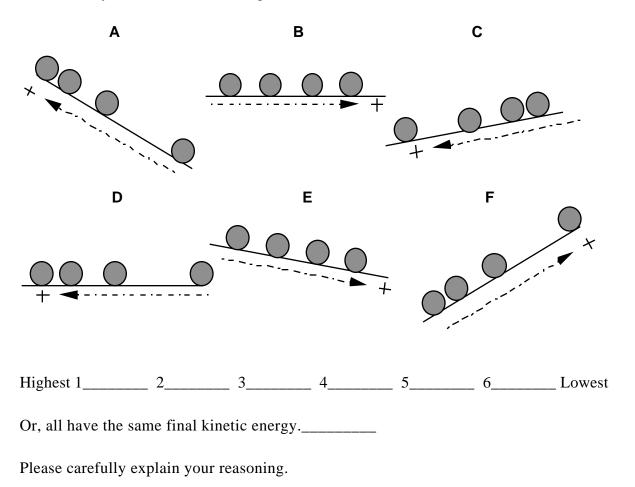
Ball Motion Diagram—Kinetic Energy 67

The following drawings indicate the motion of a ball subject to one or more forces on various surfaces from left to right. Each circle represents the position of the ball at succeeding instants of time. Each time-interval between positions is equal. In all situations, the balls start with the same velocity.

Rank each case from the highest to the lowest final kinetic energy based on the figures using the coordinate system shown in the diagram. Assume the acceleration for each situation to be constant.



How s	sure were y	ou of your	ranking?	(circle one)						
Basically Guessed				Sure				Very Sure		
1	2	3	4	5	6	7	8	9	10	