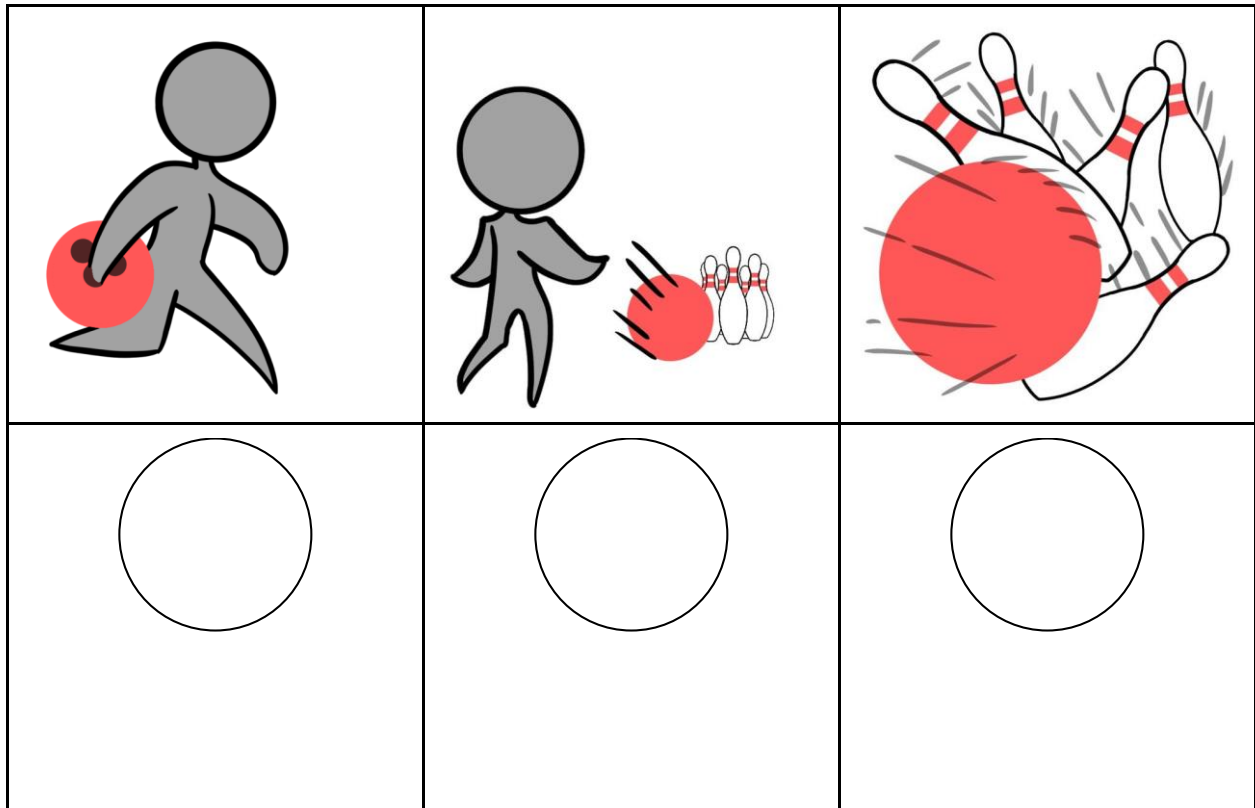


Energy Transfer Assessment

1. In the disk lab, we explored the connection between elastic energy and kinetic energy. Write two claims based off of that activity. Provide evidence to support each claim.
2. If a bowling ball is picked up by a bowler and thrown down the lane, what kind of energy does the ball have at each of the points pictured? Fill in the pie chart for each image to accompany your explanation.



3. What kinds of energy transfer happen in the third picture when the ball hits the pins?
4. Why would a bowling alley try to reduce friction on their lanes?
5. How is this bowling example similar to and different from the disk activity?