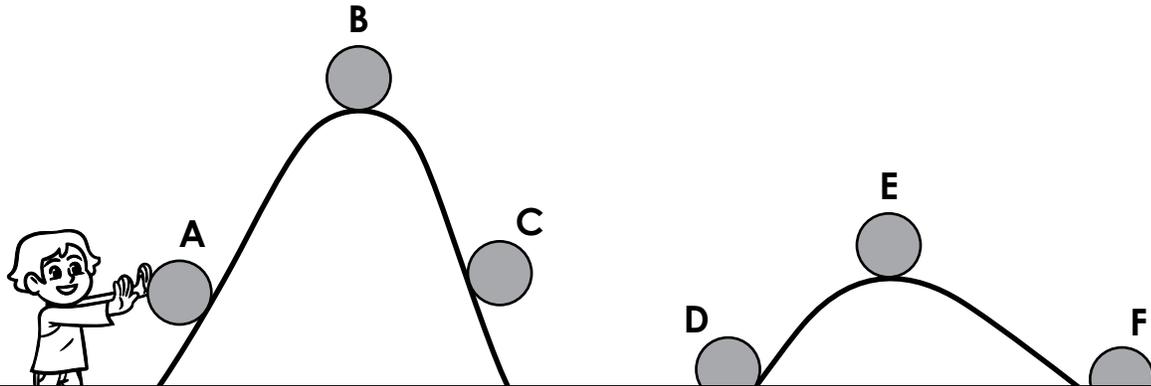


Name: _____

Potential and Kinetic Energy

The diagram below shows a person pushing a large ball up a hill and rolling it over the other side. The letters indicate positions along its path as it rolls down the first hill then up and over a smaller, less steep hill.



Preview
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Why? _____

3. Which position has the greatest kinetic energy? _____
Why? _____

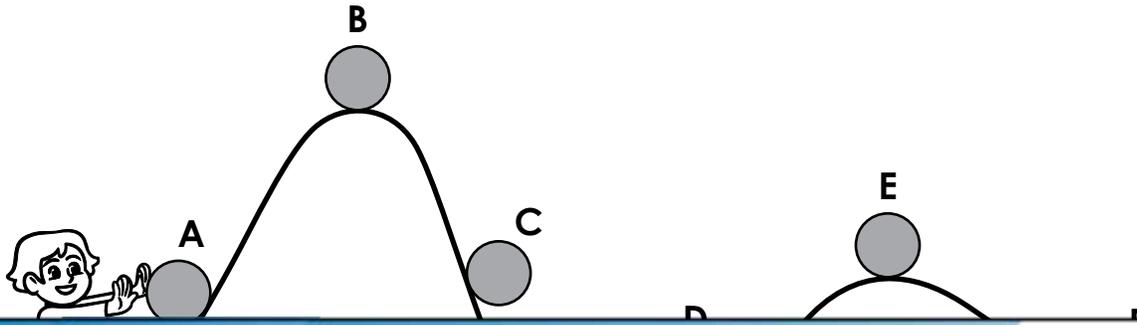
4. The point in the ball's path with the greatest kinetic energy is not shown. Between which letters should it appear? _____

5. If the ball stopped completely at the bottom of the first hill and had to be pushed up the second hill, would the joules of potential energy it had at position E change? Why or why not?

ANSWER KEY

Potential and Kinetic Energy

The diagram below shows a person pushing a large ball up a hill and rolling it over the other side. The letters indicate positions along its path as it rolls down the first hill then up and over a smaller, less steep hill.



Preview

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