**Post-Activity Assessment**

1. What is kinetic energy?
2. What is potential energy?

On the black line, write "**p**" for **potential** or "**k**" for **kinetic** to indicate whether the position of the roller coaster car has greater potential or kinetic energy.

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1. Explain how roller coasters can travel through an entire course even though they do not have engines. Be sure to use the following vocabulary words in your explanation: **potential energy**, **kinetic energy**, **gravity**, and **friction**.