

Name:

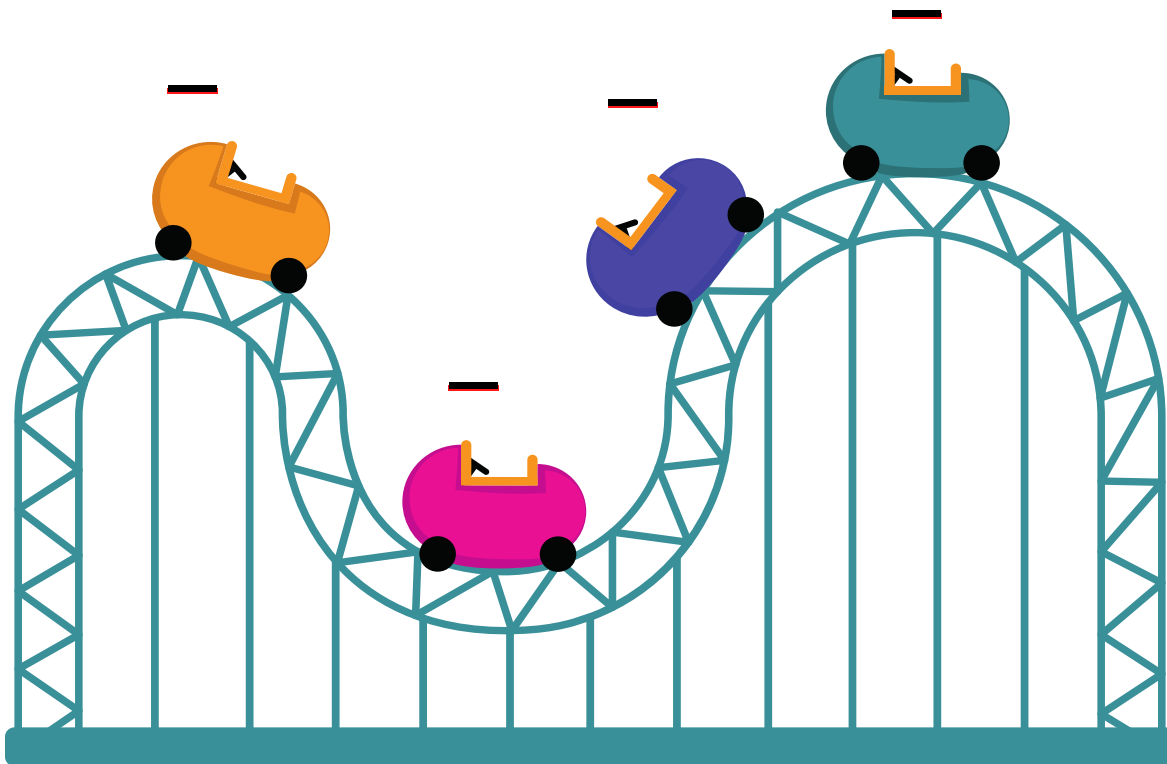
Date:

Class:

## 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.



3. 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**.