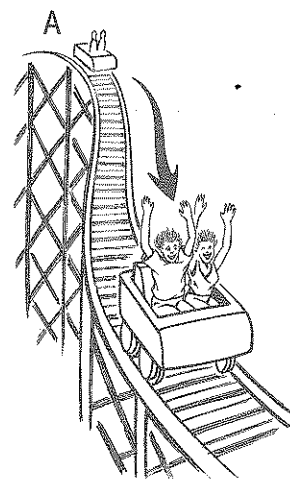


Name _____ Date _____

- 1.** Look at the picture of the roller coaster.
Then answer the questions.

a. What type of energy does the car have at point A?

b. How does its energy change as the car moves down the hill?



- 2.** Use the words from the box to complete the sentences.

Calories

chemical energy

heat

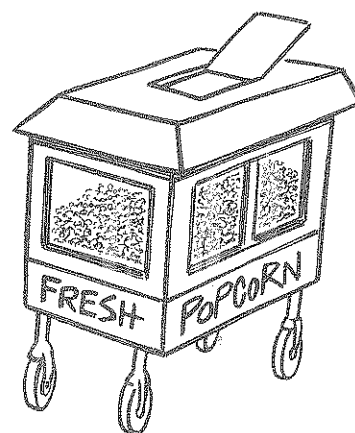
mechanical

a. Some of the energy stored in the kernels of corn
changes into _____ energy
as the kernels move around inside the popcorn
popper.

b. When you eat a cup of unbuttered popcorn, you take in
about 30 _____.

c. Energy in the form of _____
causes corn kernels to pop.

d. _____ is stored in the kernels of corn.



Process Skills

Inferring, Communicating

Suppose Joan dives from a diving board. What kind of energy
does she have as she stands on the board? How does her energy
change when she moves off the board?

